

PARTNER

Engineering and Science, Inc.



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Bopp Property

North Bryan Avenue
Fresno, California 93723

Report Date: March 4, 2022
Partner Project No. 22-355095.7



Prepared for:

Assemi Group, Inc.

1396 West Herndon Avenue, Suite 101
Fresno, California 93711

PARTNER

Engineering and Science, Inc.

March 4, 2022

Ms. Sarvi Asemi
Assemi Group, Inc.
1396 West Herndon Avenue, Suite 101
Fresno, California 93711

Subject: Phase I Environmental Site Assessment
Bopp Property
North Bryan Avenue
Fresno, California 93723
Partner Project No. 22-355095.7

Dear Ms. Asemi:

Partner Engineering and Science, Inc. (Partner) is pleased to provide this *Phase I Environmental Site Assessment* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 and E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and Client Agreement.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (559) 917-9700 or CTaylor@partneresi.com.

Sincerely,



Cody Taylor
National Client Manager

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EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM Standard Practice E1527-13 and E1527-21, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by Assemi Group, Inc., for the property located at North Bryan Avenue in Fresno, Fresno County, California (the "subject property").

Property Description

The subject property is located on the western side of North Bryan Avenue and approximately 285 feet to the south West Sussex Way within a commercial, agricultural, and residential area of Fresno County, California. Please refer to the table below for further description of the subject property:

Subject Property Data

Address:	None Identified
Property Use:	Vacant
Land Acreage (Ac):	17.54 Ac
Number of Buildings:	None
Assessor's Parcel Number (APN):	512-050-89
Site Assessment Performed By:	Claire Neal of Partner
Site Assessment Conducted On:	February 21, 2022
Regulatory Radius Report Date:	February 2, 2022
Lien Search Date:	N/A
Report Date:	March 4, 2022
FOIAs Date:	February 2022

The subject property is currently vacant land. No operations are currently performed on-site.

According to available historical sources, the subject property was formerly developed as agricultural land as early as 1937 until 2015, and has been vacant land since at least 2017.

The immediately surrounding properties consist of single-family residences to the north; single-family residences and North Bryan Avenue to the east, beyond which are a single-family residence and agricultural land; an unnamed farming operation and agricultural land to the south; and the unoccupied, former Lamanuzzi & Panteleo Dehydrators facility and agricultural land to the west.

According to information obtained from the California Department of Water Resources (DWR) *Sustainable Groundwater Management Act (SGMA) Data Viewer*, groundwater in the vicinity of the subject property is inferred to be approximately 100 feet below ground surface (bgs) and groundwater flow direction is inferred to be toward the southwest.

Findings and Opinions

Recognized Environmental Condition

A *recognized environmental condition (REC)* refers to the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- Partner did not identify evidence of RECs during the course of this assessment.

Controlled Recognized Environmental Condition

A *controlled recognized environmental condition (CREC)* refers to a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations). The following was identified during the course of this assessment:

- Partner did not identify evidence of CRECs during the course of this assessment.

Historical Recognized Environmental Condition

A *historical recognized environmental condition (HREC)* refers to a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). The following was identified during the course of this assessment:

- Partner did not identify evidence of HRECs during the course of this assessment.

Business Environmental Risk

A *Business Environmental Risks (BER)* is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice. The following was identified during the course of this assessment:

- The subject property was historically used for agricultural purposes. There is a potential that agricultural chemicals such as pesticides and fertilizers may have been used and applied to the crops grown on-site. However, no specific areas of concern (e.g. product mishandling, releases, spills, incidents, etc.) related to agricultural chemical storage and use at the subject property have been identified during the course of this assessment. It is likely that residual agricultural chemicals (if any) would have significantly degraded since the site was last utilized for agricultural purposes.

Additionally, Partner's experience with sampling and analysis of near surface soils from properties with similar agricultural histories has typically returned non-detectable or very low concentrations of environmentally persistent agricultural chemicals. Based on these factors, Partner concludes that the possible former use of agricultural chemicals is not expected to represent an environmental concern at this time. Additional investigation may be prudent if the subject property is proposed for residential use or other sensitive receptor uses (e.g. hospitals, schools, daycare facilities, elderly housing and convalescent facilities, etc.).

Significant Data Gaps

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

Conclusions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 and E1527-21 of the property located at North Bryan Avenue in Fresno, Fresno County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs, CRECs, or HRECs in connection with the subject property; however, BERs were identified. Based on the conclusions of this assessment, Partner recommends the following:

- In the event of any future residential development, if a higher level of due diligence is desired, a Phase II investigation could be conducted to assess the condition of near surface soils at the subject property as a result of the historical agricultural use.

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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and E1527-21 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at North Bryan Avenue in Fresno, Fresno County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13 and E1527-21) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the *User* to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"). ASTM Standard E1527-13 constitutes "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

1.2 Scope of Work

The scope of work for this ESA is in accordance with and to the extent necessary to achieve the goal of the requirements set forth in the ASTM Standard E1527-13 and E1527-21. This assessment included: 1) a property and adjoining site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments to obtain readily ascertainable information to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property.

Additionally, Partner researched readily available information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-21, AULs include both legal (that is, institutional) and physical (that is, engineering) controls that may include legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, or surface water on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on a property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

1.3 Limitations

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the compliance and safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

1.4 User Reliance

Assemi Group, Inc., engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of Assemi Group, Inc.. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

1.5 Limiting Conditions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13 and E1527-21. Specific limitations and exceptions to this ESA are set forth below:

- Partner was not able to document the historical use of the subject property prior to 1937. The following sources were reviewed during the course of this assessment and found to be limited: aerial photographs were not available prior to 1937; topographic maps prior to 1923 did not specify property use; and other historical sources such as fire insurance maps and city directories did not provide coverage of the subject property. This data failure is not considered critical and does not change the conclusions of this report, as the 1937 aerial photograph revealed the subject property to be farmland.
- Partner was unable to determine the property use at five-year intervals, which constitutes a data gap. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews.
- Partner submitted a Freedom of Information Act (FOIA) request to San Joaquin Valley Air Pollution Control District for information pertaining to permitted air emissions for the subject property. As of this writing, this agency has not responded to Partner's request. Based on information obtained from other resources, this limitation is not expected to alter the overall findings of this assessment.
- Interviews with past or current owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.

- Partner requested information relative to deed restrictions and environmental liens, a title search, and completion of the AAI User Questionnaire from the Report User. This information was not provided at the time of the assessment. This data gap is not expected to alter the findings of this assessment.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property is located on the western side of North Bryan Avenue and approximately 285 feet to the south West Sussex Way in Fresno, California. According to information obtained from the Fresno County Assessor, the subject property is legally described as "PAR A PM 8021 BK 70 PGS 17 & 18." According to client-provided information, ownership is currently vested in West Fresno Holdings, LLC.

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

2.2 Current Property Use

The subject property is currently vacant land. No operations are currently performed on-site.

The subject property is designated for rural residential development by Fresno County.

The subject property is not identified in the regulatory database report, discussed in Section 4.2.

2.3 Current Use of Adjoining Properties

The subject property is located within a commercial, agricultural, and residential area of Fresno County. During the vicinity reconnaissance, Partner observed the land uses on adjoining properties as defined in ASTM E1527-13 and E1527-21 as any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them. The adjoining properties are tabulated below:

Adjoining Properties

North:	Single-family residences (6513-6701 West Sussex Way)
East:	Single-family residences (3623 & 3649 North Bryan Avenue) and North Bryan Avenue, beyond which is a single-family residence and agricultural land (3616 North Bryan Avenue)
South:	Unnamed farming operation and agricultural land (3515 North Bryan Avenue)
West:	Unoccupied, former Lamanuzzi & Panteleo Dehydrators facility (3636 North Grantland Avenue) and agricultural land (3670-3700 North Grantland Avenue)

The adjoining properties to the east and west are identified as Historical Hazardous Substance Storage Database (HHSS), Historical Hazardous Substance Storage Container Information (HIST TANK), Underground Storage Tank (UST) Statewide Environmental Evaluation and Planning System (SWEEPS), Fresno County Certified Unified Program Agency (CUPA FRESNO), California Environmental Reporting System (CERS) Storage Tank (TANK), and Toxic Pollutant Emissions Facilities (EMISSIONS) sites in the regulatory database report, as further discussed in Section 4.2.

2.4 Physical Setting Sources

2.4.1 Topography

The 1981 United States Geological Survey (USGS) *Herndon, California* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located at between 280 feet above mean sea level (MSL). The contour lines on the map indicate the area is sloping gently toward the southwest.

A copy of the reviewed topographic map is included as Figure 3 of this report.

2.4.2 Hydrology

According to information obtained from the California DWR *SGMA Data Viewer*, groundwater in the vicinity of the subject property is inferred to be approximately 100 feet bgs and groundwater flow direction is inferred to be toward the southwest.

The nearest surface water to the subject property is Wheaton Ditch located approximately 0.4-mile to the west. No settling ponds, lagoons, surface impoundments, wetlands, or natural catch basins were observed at the subject property during this assessment.

The subject property is not currently serviced by a public water system. According to available information, a public water system operated by the City of Fresno Public Utilities Department, Water Division (CFWD) serves the subject property vicinity. The source of public water for the City of Fresno is primarily groundwater from approximately 260 municipal supply wells. Additionally, the Fresno water supply is supplemented with water delivered directly from the Sierra Nevada to the City's Surface Water Treatment Facility (SWTF), which supplies about 20 million gallons of water per day. No public supply wells were identified on or adjacent to the subject property.

2.4.3 Geology/Soils

Based on information obtained from the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) *Web Soil Survey*, the subject property is mapped as San Joaquin sandy loam. The San Joaquin series consists of moderately deep to a duripan, well and moderately well-drained soils that formed in alluvium derived from mixed but dominantly granitic rock sources. They are on undulating low terraces with slopes of 0 to 9 percent.

The subject property is situated within the eastern portion of the San Joaquin Valley. The San Joaquin Valley comprises the southern portion of the Great Valley Physiographic Province of California. The Great Valley is a long structural trough situated between the Sierra Nevada and Cascade Range to the east, the Coast Range to the west, and the Tehachapi Mountains to the south. The San Joaquin Valley has been filled with several thousand feet of sedimentary deposits derived from the erosion of the Sierra Nevada and Coast Range and deposited by major to minor drainages and their tributaries. Near-surface sediments are dominated by sands and silty sands with lesser silts, minor clays, and gravel.

The sedimentary deposits in the region form large coalescing alluvial fans with gentle slopes deposited primarily during Plio-Pleistocene time by the streams that drain the adjacent uplands. Sediments consist of recent and older alluvium derived primarily from the Sierra Nevada. Older (Pleistocene) alluvium unconformably overlies Pliocene-Pleistocene continental and marine deposits. The valley basement, consisting of pre-Tertiary granitic and metamorphic rocks, underlies the clastic section at a depth in excess of 2,000 feet bgs.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 06019C1545H, dated February 18, 2009, the subject property appears to be located in Zone C, X (unshaded), defined as minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains.

A copy of the reviewed flood map is included in Appendix B of this report.

3.0 HISTORICAL INFORMATION

Partner reviewed the previously conducted Phase I ESA report dated February 22, 2018, prepared by Krazan & Associates, Inc. (Krazan) for Assemi Group, Inc.. The information below summarizes Krazan's findings, conclusions, and recommendations:

- At the time of Krazan's 2018 assessment, the subject property was vacant land.
- According to the Krazan report, the subject property formerly agricultural land as early as 1937 until circa 2006 and was vacant land from at least 2017 until 2018.
- Based on the historical agricultural use, Krazan concluded that a potential existed for environmentally persistent pesticides/herbicides to have been used on-site. However, Krazan noted 1) no current or former structures were identified on-site and impacts from agricultural chemicals are most often identified in association with chemical mixing and storage areas (structures), 2) no material evidence of the use of environmentally persistent pesticides/herbicides was obtained during the course of this assessment, and 3) Krazan anticipated that any environmentally persistent pesticides/herbicides potentially located on site will be dislocated/diluted as a result of the trenching and rough grading operations conducted at the time of redevelopment. Based on these factors and Krazan's prior experience with soil sampling and analysis at similar properties which typically resulted in non-detect or very low concentrations of persistent pesticides, Krazan concluded that the potential for elevated concentrations of environmentally persistent pesticides/herbicides related to agricultural cultivation to exist on-site which would require regulatory action was low.
- According to the Krazan report, groundwater in the area of the subject property was reported to be approximately 90 feet bgs and flowed toward the southwest.

Krazan identified no RECs and recommended no further investigation.

Copies of pertinent pages reviewed are included in Appendix B of this report.

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 State Department

Regulatory Agency Data

Name of Agency: California Environmental Protection Agency (CalEPA)
Point of Contact: Regulated Sites Portal
Agency Address: <https://siteportal.calepa.ca.gov/nsite/>
Date of Contact: February 22, 2022
Method of Communication: Online Research
Summary of Communication:
 No records regarding hazardous substance use, storage, or releases, or the presence of USTs and AULs on the subject property were on file with the CalEPA.

4.1.2 Health Department

Regulatory Agency Data

Name of Agency: Fresno County Department of Public Health, Environmental Health Division (FCEHD)
Point of Contact: Online Document Portal
Agency Address: <http://www.fresnohealthinspections.org/>
Date of Contact: February 22, 2022
Method of Communication: Online Research
Summary of Communication:
 No records regarding hazardous substance use, storage, or releases, or the presence of USTs and AULs on the subject property were on file with the FCEHD.

4.1.3 Fire Department

Regulatory Agency Data

Name of Agency: Fresno County Fire Protection District (FCFPD)
Point of Contact: Administrative Personnel
Agency Address: 210 South Academy Avenue, Sanger, California
Agency Phone Number: (559) 493-4300
Date of Contact: February 22, 2022
Method of Communication: Telephone
Summary of Communication:
 The FCEHD is the Certified Unified Program Agency (CUPA) for Fresno County and is responsible for regulating facilities that: handle or store hazardous materials; are part of the California Accidental Release Prevention Program; generate or treat hazardous wastes; generate or treat medical waste; store at least 1,320 gallons of aboveground petroleum; or own or operate USTs and ASTs. Refer to Section 4.1.2 for a discussion of information obtained from the FCEHD.

4.1.4 Air Pollution Control Agency

Regulatory Agency Data

Name of Agency: San Joaquin Valley Air Pollution Control District (SJVAPCD)
Point of Contact: Public Records Coordinator
Agency Address: 1990 East Gettysburg Avenue, Fresno, California 93726
Agency Phone Number: (559) 230-6000
Date of Contact: February 22, 2022
Method of Communication: Online Request
Summary of Communication:

As of the date of this report, Partner has not received a response from the SJVAPCD for inclusion in this report.

4.1.5 Regional Water Quality Agency

Regulatory Agency Data

Name of Agency: State Water Resources Control Board (SWRCB)
Point of Contact: GeoTracker Database
Agency Address: <http://geotracker.waterboards.ca.gov/>
Date of Contact: February 22, 2022
Method of Communication: Online Research
Summary of Communication:

No records regarding hazardous substance use, storage, or releases, or the presence of USTs and AULs on the subject property were on file with the SWQCB.

4.1.6 Department of Toxic Substances Control

Regulatory Agency Data

Name of Agency: California Department of Toxic Substances Control (DTSC)
Point of Contact: EnviroStor and Hazardous Waste Tracking System (HWTS) Databases
Agency Address: <http://www.envirostor.dtsc.ca.gov/public/>
https://hwts.dtsc.ca.gov/report_search.cfm?id=5
Date of Contact: February 22, 2022
Method of Communication: Online Research
Summary of Communication:

No records regarding hazardous substance use, storage, or releases, or the presence of USTs and AULs on the subject property were on file with the DTSC.

4.1.7 Building Department

Regulatory Agency Data

Name of Agency: Fresno County Building Department (FCBD)
Point of Contact: Permit Search Database
Agency Address: <https://permitportal.fresnocountyca.gov/citizenportal/app/landing>
Date of Contact: February 22, 2022
Method of Communication: Online Research
Summary of Communication:

No permit records for the subject property were available for review.

4.1.8 Planning Department

Regulatory Agency Data

Name of Agency: Fresno County Planning Department (FCPD)
Point of Contact: Online Zoning Map
Agency Address: <https://gisportal.co.fresno.ca.us/portal/home/>
Date of Contact: February 22, 2022
Method of Communication: Online Research

Summary of Communication:

According to records reviewed, the subject property is zoned RR for rural residential development by Fresno County.

4.1.9 Oil & Gas Exploration

Regulatory Agency Data

Name of Agency: California Geologic Energy Management Division (CalGEM)
Point of Contact: Well Finder Database
Agency Address: <https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx>
Date of Contact: February 22, 2022
Method of Communication: Online Research

Summary of Communication:

According to CalGEM, no oil or gas wells are located on or adjoining to the subject property.

4.1.10 Assessor's Office

Regulatory Agency Data

Name of Agency: California Geologic Energy Management Division (CalGEM)
Point of Contact: Well Finder Database
Agency Address: <https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx>
Date of Contact: February 22, 2022
Method of Communication: Online Research

Summary of Communication:

According to records reviewed, the subject property is identified by APN 512-050-89 and is currently owned by West Fresno Holdings, LLC. The property is a 17.54-acre lot.

Copies of pertinent documents obtained from the above-referenced regulatory agencies, if available, are included in Appendix B of this report.

4.2 Mapped Database Records Search

The regulatory database report provided by Environmental Risk Information Services (ERIS) documents the listing of sites identified on federal, state, county, city, and tribal (when applicable) standard source environmental databases within the approximate minimum search distance (AMSD) specified by ASTM E1527-13 and E1527-21. The data from these sources are updated as these data are released and integrated into one database. The information contained in this report was compiled from publicly available sources.

The environmental database information is used to identify environmental concerns in connection with the subject property. The listings also serve to identify the known indications of the storage, use, generation, disposal, or release of hazardous substance at the subject property and the potential for contaminants to migrate onto the subject property from off-site sources in groundwater or soil in the form of liquids or vapor.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor.

4.2.1 Regulatory Database Summary

The following table lists the number of sites as categorized by the regulatory database within the prescribed AMSD. The locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

Radius Report Data

Database	AMSD Radius (mile)	Listings Identified		Surrounding Area Sites of Concern
		Subject Property	Adjoining Properties	
Federal NPL	1.00	No	No	No
Delisted NPL Site	0.50	No	No	No
Federal SEMS Site	0.50	No	No	No
Federal SEMS-ARCHIVE	0.50	No	No	No
Federal RCRA CORRACTS Facility	1.00	No	No	No
Federal RCRA TSD Facility	0.50	No	No	No
Federal RCRA Generators Site (LQG, SQG, VSQG, CESQG)	Subject and Adjoining	No	No	N/A
Federal IC/EC Registries	Subject Property	No	N/A	N/A
Federal ERNS Site	Subject Property	No	N/A	N/A
State/Tribal Equivalent NPL	1.00	No	No	No
State/Tribal Equivalent CERCLIS	1.00	No	No	No
State/Tribal Landfill/Solid Waste Disposal Site	0.50	No	No	No
State/Tribal Leaking Storage Tank Site (LUST/LPST)	0.50	No	No	No
State/Tribal Registered Storage Tank Sites (UST/AST)	Subject and Adjoining	No	Yes	N/A
State/Tribal IC/EC Registries	Subject and Adjoining	No	No	N/A
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	No	No	No
State/Tribal Spills	0.50	No	No	No
Federal Brownfield Sites	0.50	No	No	No
State Brownfield Sites	0.50	No	No	No
Additional Environmental Records	Varies	No	Yes	No

4.2.2 Subject Property Listings

The subject property is not identified in the regulatory database report.

4.2.3 Adjoining Property Listings

The adjoining property to the east is identified as a HHSS, a HIST TANK, and a UST SWEEPS site in the regulatory database report, as discussed below:

- The property, identified as George Nakamura at 3616 North Bryan Avenue, adjoins the subject property to the east. This site reportedly maintained two USTs, a 1,000-gallon unleaded gasoline UST and a 2,000-gallon leaded gasoline UST. The tanks were installed in 1970 and 1984, respectively. The current status of the USTs is not reported. The tanks are presumed to have been located in proximity to the residence and farm structures at this site which are located approximately 450 feet from the subject property. This site is not listed on databases that report releases of hazardous substances, including the Leaking UST (LUST) database. Based on the presumed distance of the USTs from the subject property and the absence of documented releases, this listing is not expected to represent an environmental concern and it is unlikely that a regulatory file review for this site would alter the findings of this assessment.

The adjoining property to the west is identified as an EMISSIONS, a CUPA FRESNO, and a CERS TANK site in the regulatory database report, as discussed below:

- The property, identified as Lamanuzzi & Pantaleo Dehydrators at 3636 North Grantland Avenue, adjoins the subject property to the north. According to the CUPA FRESNO and CERS TANK databases, this facility is regulated by the FCEHD as a conditionally exempt small quantity hazardous waste generator, a large hazardous materials handler, an industrial waste discharger, an AST facility, and a California Accidental Release Program (CalARP) facility. Multiple violations were issued to the facility in July 2017 for failing to properly close an AST and for failure to properly prepare, certify, and implement a Spill Prevention Control and Countermeasure (SPCC) Plan. The violations were subsequently returned to compliance in August 2017. This facility was permitted for air emissions by the SJVAPCD between 1993 and 2019. Based on the regulatory oversight, the absence of unresolved violations, the absence of documented releases, and the presumed direction of groundwater flow, these listings are not expected to represent an environmental concern to the subject property and it is unlikely that a regulatory file review for this site would alter the findings of this assessment.

The adjoining property to the west is identified as a HHSS, a CUPA FRESNO, a HIST TANK, and an UST SWEEPS site in the regulatory database report, as discussed below:

- The property, identified as Golden State Ranches, Inc., and N J Liddell at 3700 North Grantland Avenue, adjoins the subject property to the west. This site reportedly maintained a 4,000-gallon , steel gasoline UST that was installed on an unknown date and removed in 1993. The UST was registered with the SWQCB in 1988. According to records on file with the FCEHD, the tank was located over 1,000 feet to the west of the subject property and was removed without incident on February 3, 1993. The FCEHD issued a "no further action" letter on April 8, 1993.

Based on the removal of the UST, the distance of the UST from the subject property, the current regulatory status, and the presumed direction of groundwater flow, this listing is not expected to represent an environmental concern.

Based on the findings, vapor migration from the adjoining properties is not expected to represent an environmental concern at this time.

4.2.4 Surrounding Area Listings of Concern to Subject Property

No surrounding area listings of concern to the subject property are identified in the regulatory database report.

Based on the findings, vapor migration from the surrounding properties is not expected to represent an environmental concern at this time.

4.2.5 Unplottable Listings

No unplottable listings of concern to the subject property are identified in the regulatory database report.

A copy of the regulatory database report is included in Appendix C of this report.

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM E1527-13 and E1527-21, Partner requested the following site information from Assemi Group, Inc. (User of this report).

User Responsibilities		
Item	Provided By User	Not Provided By User
AAI User Questionnaire		X
Title Records, Environmental Liens, and AULs		X
Specialized Knowledge		X
Actual Knowledge		X
Valuation Reduction for Environmental Issues		X
Identification of Key Site Manager	X	
Reason for Performing Phase I ESA	X	
Prior Environmental Reports	X	
Other		X

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property, identified as West Fresno Holdings, LLC, was not available to be interviewed at the time of the assessment.

5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report User. The information requested was not received prior to the issuance of this report. The lack of this information is not considered to represent a significant data gap.

5.1.3 Interview with Property Manager

Ms. Carrie Duran, property manager, indicated that she had no information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

Ms. Duran stated that she has no past or current knowledge of the subject property and its use.

5.1.4 Interviews with Past Owners, Operators, and Occupants

Interviews with past owners, operators, and occupants were not reasonably ascertainable and thus constitute a data gap.

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

Partner was not provided with title records or environmental lien and AUL information for review as part of this assessment.

5.2.2 Specialized Knowledge

No specialized knowledge of environmental conditions associated with the subject property was provided by the User at the time of the assessment.

5.2.3 Actual Knowledge of the User

No actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property was provided by the User at the time of the assessment.

5.2.4 Valuation Reduction for Environmental Issues

No knowledge of valuation reductions associated with the subject property was provided by the User at the time of the assessment.

5.2.5 Commonly Known or Reasonably Ascertainable Information

The User did not provide information that is commonly known or *reasonably ascertainable* within the local community about the subject property at the time of the assessment.

5.2.6 Previous Reports and Other Provided Documentation

The following information was provided to Partner for review during the course of this assessment:

Phase I Environmental Site Assessment, Bopp Property/ APN 512-050-89, Southwest of North Bryan and West Ashlan Avenues, Fresno County, California 93723, Krazan & Associates, Inc (February 22, 2018)

Refer to Section 3.0 for a discussion of Krazan's 2018 Phase I ESA report.

Copies of pertinent pages reviewed are included in Appendix B of this report.

6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was sunny and clear. Refer to Section 1.5 for a discussion of limitations encountered during the site reconnaissance and Sections 2.1 and 2.2 for a discussion of subject property operations. The table below provides the site assessment details:

Site Assessment Data

Site Assessment Performed By: Claire Neal
Site Assessment Conducted On: February 21, 2022

The table below provides the subject property personnel interviewed during the site reconnaissance:

Site Visit Personnel for North Bryan Avenue (Subject Property)

Name	Title/Role	Contact Number	Site Walk* Yes/No
Carrie Duran	Property Manager	559-696-4757	No

Partner was unaccompanied during the site reconnaissance. No environmental concerns were identified during the site reconnaissance.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

Solid waste is not currently generated at the subject property. No evidence of illegal dumping of solid waste was observed during the site reconnaissance.

6.1.2 Sewage Discharge and Disposal

The subject property is not currently serviced by a municipal sewer system. The City of Fresno is the presumed sewer service provider for any future development. No wastewater treatment facilities or septic systems were observed or reported on the subject property.

6.1.3 Stormwater and Surface Water Drainage

No paved surfaces are present on the subject property. Stormwater directly infiltrates on-site soils.

6.1.4 Source of Heating and Cooling

No heating or cooling equipment was observed on the subject property.

6.1.5 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

6.1.6 Wastewater

Domestic wastewater is not currently generated at the subject property. No industrial wastewater streams were identified at the subject property.

6.1.7 Septic Systems

No septic systems were observed or reported on the subject property.

6.1.8 Additional Site Observations

No additional general site characteristics were observed during the site reconnaissance.

6.2 Potential Environmental Hazards**6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site**

No hazardous substances or petroleum products were observed on the subject property during the site reconnaissance.

6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

No evidence of current or former ASTs or USTs was observed during the site reconnaissance.

6.2.3 Evidence of Releases

No spills, stains, or other indications that a surficial release has occurred at the subject property were observed.

6.2.4 Polychlorinated Biphenyls (PCBs)-Containing Items

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – “Non-PCB;” 2) 50 ppm-500 ppm – “PCB-Contaminated;” and, 3) Greater than 500 ppm – “PCB-Containing.” The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after July 2, 1979.

No potential PCB-containing equipment (transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, etc.) was observed on the subject property during the site reconnaissance.

6.2.5 Strong, Pungent, or Noxious Odors

No strong, pungent, or noxious odors were evident during the site reconnaissance.

6.2.6 Pools of Liquid

No pools of liquid were observed on the subject property during the site reconnaissance.

6.2.7 Drains, Sumps, and Clarifiers

No drains, sumps, or clarifiers were observed on the subject property during the site reconnaissance.

6.2.8 Pits, Ponds, and Lagoons

No pits, ponds, or lagoons were observed on the subject property.

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

6.3 Non-Scope ASTM Considerations

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be presumed to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building that have not been appropriately tested are "presumed asbestos-containing material" (PACM).

No buildings or structures are located on the subject property. As such, an asbestos evaluation was not required by the scope of services.

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm² (or 5,000 ug/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X", to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

No buildings or structures are located on the subject property. As such, a LBP evaluation was not required by the scope of services.

6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

EPA Radon Zones		
EPA Zones	Average Predicted Radon Levels	Potential
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 2. Based upon the radon zone classification, radon is not considered to be an environmental concern.

6.3.4 Lead in Drinking Water

The subject property is not currently serviced by a public water system and no domestic wells were identified at the subject property. As such, a lead-in-drinking water evaluation was not required by the scope of services.

6.3.5 Mold

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g. in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

No buildings or structures are located on the subject property. As such, a mold evaluation was not required by the scope of services.

6.3.6 Wetlands

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Fish & Wildlife Service; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons were observed on the subject property.

6.4 Adjoining Property Reconnaissance

The adjoining property reconnaissance consisted of observing the adjoining properties from the subject property premises. Partner observed the following:

6.4.1 PCBs

Two pole-mounted transformers were observed on the adjoining properties. No staining or leakage was observed in the vicinity of the transformers. Based on these observations, the presence of adjoining transformers is not expected to represent an environmental concern.

No additional items of environmental concern were identified on the adjoining properties during the site assessment, including hazardous substances, petroleum products, ASTs, USTs, evidence of releases, PCBs, strong or noxious odors, pools of liquids, sumps or clarifiers, pits or lagoons, stressed vegetation, or any other potential environmental hazards.

7.0 VAPOR ENCROACHMENT CONDITIONS

Partner conducted a limited non-intrusive vapor screening on the subject property to identify, to the extent feasible, the potential for vapor encroachment conditions (VECs) in connection with the subject property. This included consideration of chemicals of concern (COC) that may migrate as vapors into the subsurface of the subject property as a result of contaminated soil and groundwater on or near the property.

This screening utilized readily available data sources previously discussed in this Phase I ESA that includes:

- the physical setting of the subject property (Section 2.4),
- standard historical sources for the subject property, adjoining, and surrounding area (Section 3.0),
- known or potentially contaminated sites as identified from information from regulatory agencies and sites on Federal, State, tribal and local databases (Section 4.0), and
- information from the site reconnaissance (Section 6.0) of the subject property and observations of the surrounding properties.

The results of our data collection, reconnaissance, and analysis are tabulated below:

<i>Potential for Vapor Encroachment to Impact the Subject Property</i>	
Area of Concern	Likely or Known VEC to Subject Property
Subject Property Existing Operations or Conditions	None identified that impact the subject property.
Historical Uses of the Subject Property	None identified that impact the subject property.
Adjoining Property Operations or Existing Conditions	None identified that impact the subject property.
Historical Uses of Adjoining Properties or Nearby Properties	None identified that impact the subject property.
Regulatory Review of sites identified on Federal, State, tribal and Local Environmental Databases which were located in the AMSD	None identified that impact the subject property.

8.0 FINDINGS AND CONCLUSIONS

Findings and Opinions

Recognized Environmental Condition

A *REC* refers to the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- Partner did not identify evidence of RECs during the course of this assessment.

Controlled Recognized Environmental Condition

A *CREC* refers to a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations). The following was identified during the course of this assessment:

- Partner did not identify evidence of CRECs during the course of this assessment.

Historical Recognized Environmental Condition

A *HREC* refers to a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). The following was identified during the course of this assessment:

- Partner did not identify evidence of HRECs during the course of this assessment.

Business Environmental Risk

A *BER* is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice. The following was identified during the course of this assessment:

- The subject property was historically used for agricultural purposes. There is a potential that agricultural chemicals such as pesticides and fertilizers may have been used and applied to the crops grown on-site. However, no specific areas of concern (e.g. product mishandling, releases, spills, incidents, etc.) related to agricultural chemical storage and use at the subject property have been identified during the course of this assessment. It is likely that residual agricultural chemicals (if any) would have significantly degraded since the site was last utilized for agricultural purposes.

Additionally, Partner's experience with sampling and analysis of near surface soils from properties with similar agricultural histories has typically returned non-detectable or very low concentrations of environmentally persistent agricultural chemicals. Based on these factors, Partner concludes that the possible former use of agricultural chemicals is not expected to represent an environmental concern at this time. Additional investigation may be prudent if the subject property is proposed for residential use or other sensitive receptor uses (e.g. hospitals, schools, daycare facilities, elderly housing and convalescent facilities, etc.).

Significant Data Gaps

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

Conclusions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 and E1527-21 of the property located at North Bryan Avenue in Fresno, Fresno County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs, CRECs, or HRECs in connection with the subject property; however, BERs were identified. Based on the conclusions of this assessment, Partner recommends the following:

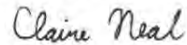
- In the event of any future residential development, if a higher level of due diligence is desired, a Phase II investigation could be conducted to assess the condition of near surface soils at the subject property as a result of the historical agricultural use.

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at North Bryan Avenue in Fresno, Fresno County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR §312. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:



Claire Neal
Environmental Scientist

Reviewed By:



Joel Redding
Environmental Professional
Senior Project Manager

10.0 REFERENCES

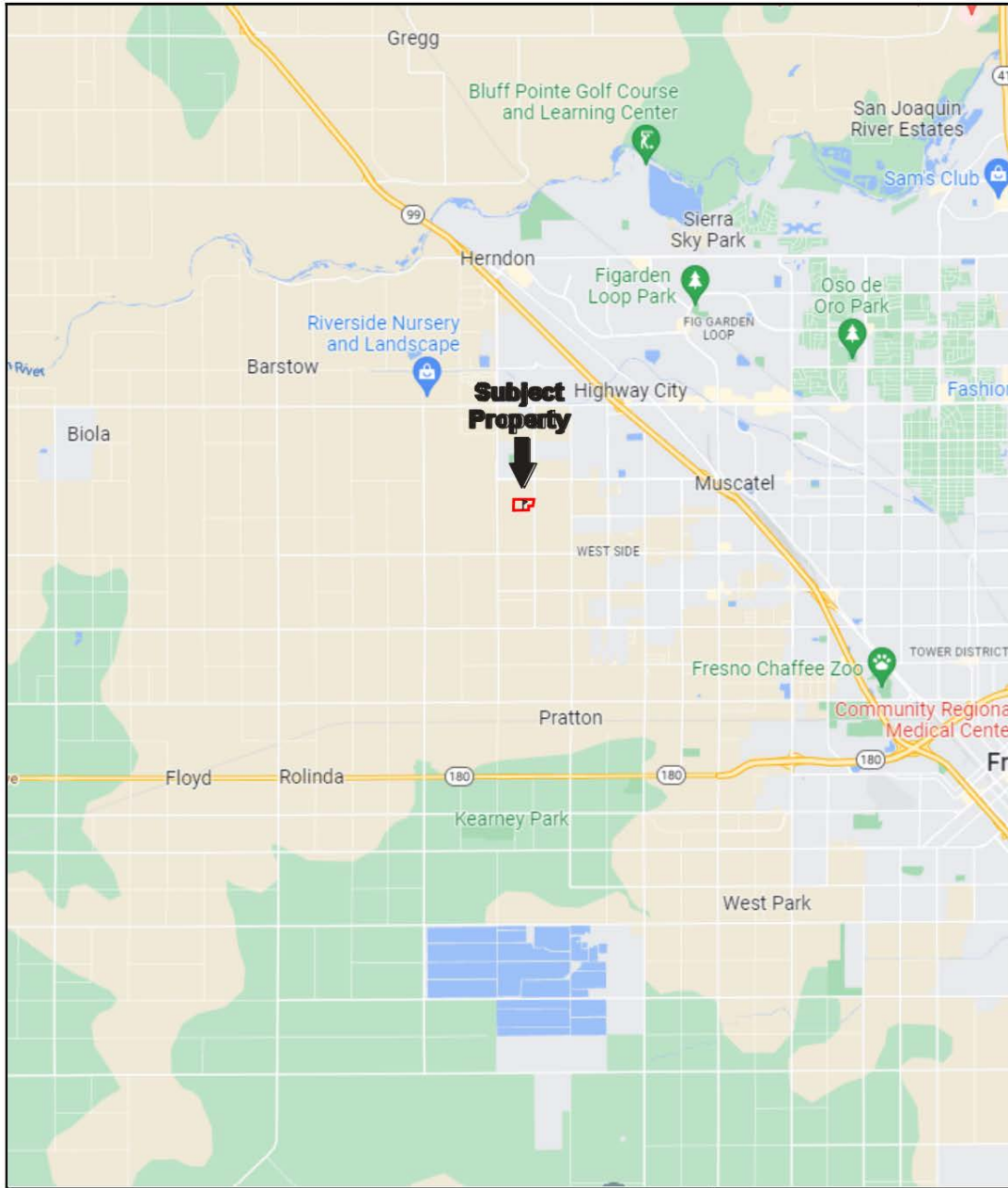
Reference Documents

- American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-13 and E1527-21.
- California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (CalGEM) Well Finder database, accessed via the Internet February 2022
- California Department of Toxic Substances Control (DTSC) EnviroStor and Hazardous Waste Tracking System (HWTS) databases, accessed via the Internet February 2022
- California Environmental Protection Agency (CalEPA) Regulated Site Portal database, accessed via the Internet February 2022
- California State Water Resources Control Board (SWRCB) GeoTracker database, accessed via the Internet February 2022
- Environmental Risk Information Services (ERIS), erisinfo.com
- ERIS, City Directory, February 2022
- ERIS, Database Report, February 2022
- ERIS, Fire Insurance Maps, February 2022
- ERIS, Historical Aerials, February 2022
- ERIS, Physical Setting Report, February 2022
- ERIS, Topographic Maps, February 2022
- Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via the internet, February 2022
- United States Department of Agriculture, Natural Resources Conservation Service, *Web Soil Survey*, accessed via the internet, February 2022
- United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, February 2022
- United States Geological Survey (USGS), accessed via the Internet, February 2022

FIGURES

- 1 SITE LOCATION MAP**
- 2 SITE PLAN**
- 3 TOPOGRAPHIC MAP**

PARTNER



N
Drawing Not To Scale

KEY:
Subject Property 

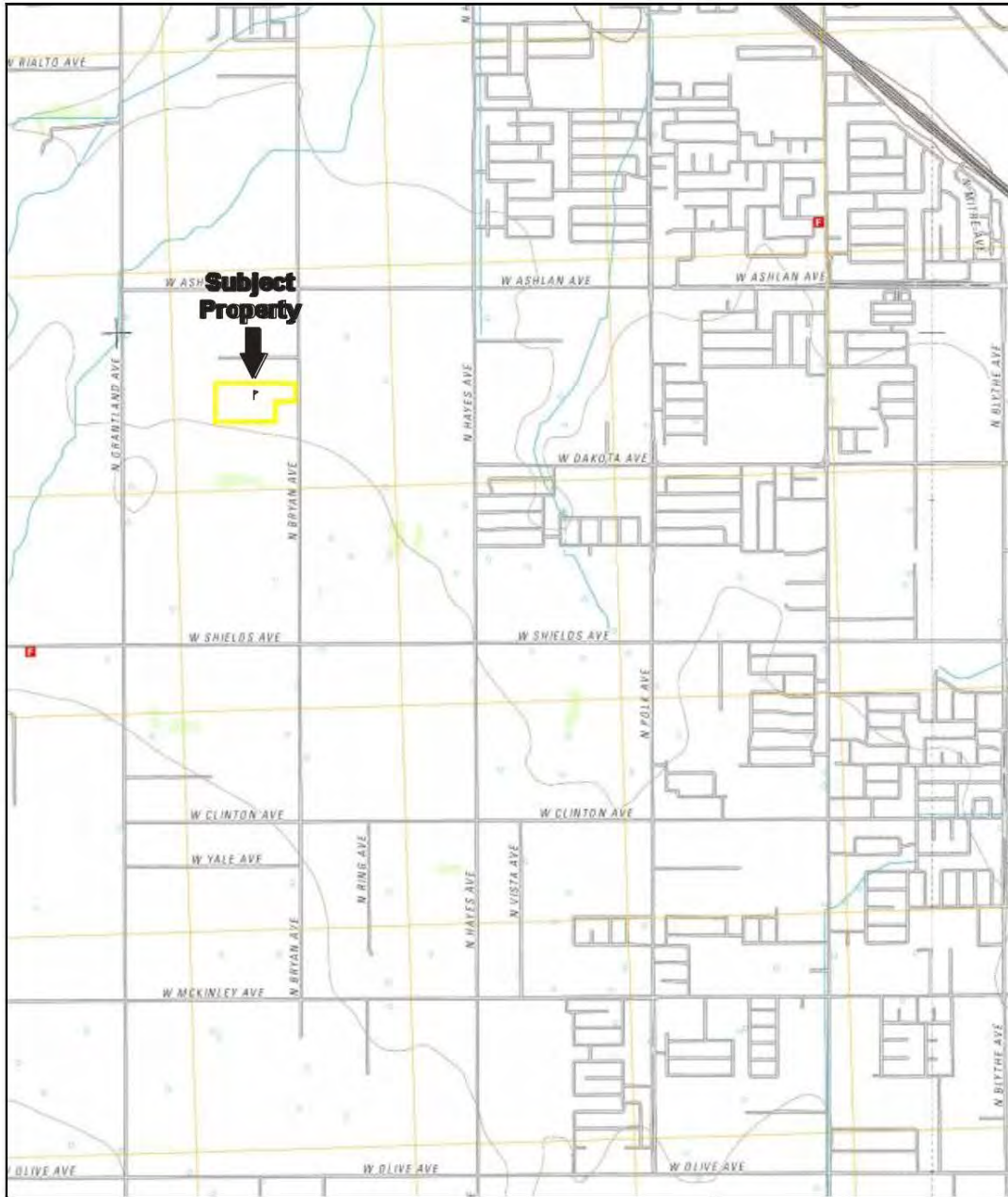
FIGURE 1: SITE LOCATION MAP
Project No. 22-355095.7





FIGURE 2: SITE PLAN
Project No. 22-355095.7





 USGS 7.5-Minute *Herndon, California* Quadrangle
Created: 2012

KEY:
Subject Property 

FIGURE 3: TOPOGRAPHIC MAP
Project No. 22-355095.7



APPENDIX A: SITE PHOTOGRAPHS

PARTNER



1. View of the subject property along North Bryan Avenue



2. View of the northern perimeter of the subject property from North Bryan Avenue



3. Subject property field



4. View to the east from the center of the subject property



5. View to the west from the center of the subject property



6. Concrete standpipe on the subject property

APPENDIX A: SITE PHOTOGRAPHS
Project No. 22-355095.7





7. Concrete standpipe



8. View along the southern perimeter of the subject property facing west



9. View of the subject property from the southwestern corner



10. Southern perimeter of the subject property facing east



11. Western perimeter of the subject property facing north



12. Survey marker and concrete debris on the southwestern corner of the subject property

APPENDIX A: SITE PHOTOGRAPHS
Project No. 22-355095.7





13. View of the subject property from the west



14. View of the subject property from the northwest corner



15. Northern perimeter of the subject property facing east



16. View of the western perimeter of the subject property facing south



17. Survey marker on the northwestern corner of the subject property



18. Flagged area in the center of the subject property

APPENDIX A: SITE PHOTOGRAPHS
Project No. 22-355095.7





19. Adjoining property to the north



20. Adjoining property to the south



21. Adjoining property to the southeast



22. Adjoining property to the east



23. Adjoining property to the west



24. Adjoining property to the west

APPENDIX A: SITE PHOTOGRAPHS
Project No. 22-355095.7

PARTNER

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION

PARTNER



GEOTECHNICAL ENGINEERING • ENVIRONMENTAL ENGINEERING
CONSTRUCTION TESTING & INSPECTION

February 22, 2018

Project No. 014-18020

Ms. Marci Whaley
Assemi Group, Inc.
1396 West Herndon Avenue, Suite 110
Fresno, California 93711
mwhaley@assemigroup.com

RE: Phase I Environmental Site Assessment
Bopp Property/ APN 512-050-89
Southwest of North Bryan and West Ashlan Avenues
Fresno County, California 93723

Dear Ms. Whaley:

Krazan & Associates, Inc., (Krazan) completed a Phase I Environmental Site Assessment at the referenced site summarized in a report dated February 22, 2018. We appreciate the opportunity to serve your environmental due diligence needs. During the course of this assessment, Krazan identified no evidence of recognized environmental conditions (RECs), controlled RECs (CRECs) or historical RECs (HRECs) in conjunction with the subject site as defined by ASTM E-1527-13.

If you have any questions regarding the information presented in this report, please call me at (559) 348-2200.

Respectfully Submitted,
KRAZAN & ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Arthur C. Farkas", is written over a faint, circular stamp or watermark.

Arthur C. Farkas, REA No. 07818
Environmental Professional

ACF/mlt

215 West Dakota Avenue • Clovis, California 93612 • (559) 348-2200 • FAX (559) 348-2190
With Offices Serving the Western United States

01418020 Phase I ESA Final.doc



**PHASE I ENVIRONMENTAL
SITE ASSESSMENT
BOPP PROPERTY/APN 512-050-89
SOUTHWEST OF NORTH BRYAN AND WEST
ASHLAN AVENUES
FRESNO COUNTY, CALIFORNIA 93723**

Pursuant to ASTM E 1527-13

Project No. 014-18020
February 22, 2018

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GEOTECHNICAL ENGINEERING • ENVIRONMENTAL ENGINEERING
CONSTRUCTION TESTING & INSPECTION

February 22, 2018

Project No. 014-18020

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
BOPP PROPERTY/APN 512-050-89
SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES
FRESNO, CALIFORNIA 93723**

1.0 EXECUTIVE SUMMARY

Krazan & Associates, Inc. (Krazan) has conducted a Phase I Environmental Site Assessment (ESA) of Bopp Property located Southwest of North Bryan and West Ashlan Avenues in Fresno County, California 93723 (subject site). It is incumbent upon the User to read this Phase I ESA report in its entirety. If not otherwise defined within the text of this report, please refer to the Glossary of Terms Section following the References Section for definitions of terms and acronyms utilized within this Phase I ESA report. Krazan conducted the Phase I ESA of the subject site in conformance with the American Society for Testing and Materials (ASTM) E 1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. This Phase I ESA constitutes all appropriate inquiry (AAI) designed to identify recognized environmental conditions (RECs) in connection with the previous ownership and uses of the subject site as defined by ASTM E 1527-13.

ASTM E 1527-13 Section 1.1.1 *Recognized Environmental Conditions* – In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify recognized environmental conditions. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions.

During the course of this assessment, Krazan identified no evidence of recognized environmental conditions (RECs), controlled RECs (CRECs) or historical RECs (HRECs) in conjunction with the subject site as defined by ASTM E 1527-13.

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2.0 PURPOSE AND SCOPE OF ASSESSMENT

2.1 Purpose

According to ASTM E 1527-13, the purpose of this practice is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitation on CERCLA liability (hereinafter, the “landowner liability protections,” or “LLPs”): that is, the practice that constitutes “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined at 42 U.S.C. §9601(35)(B).

2.2 Scope of Work

The Phase I ESA includes the following scope of work: a) a site reconnaissance of existing on-site conditions and observations of adjacent property uses, b) a review of user-provided documents, c) a review of historical aerial photographs, a review of pertinent building permit records, city directories, historical fire insurance maps (HFIMs), and interview(s) with person(s) knowledgeable of the previous and current ownership and uses of the subject site, d) a review of applicable regulatory agency records and, e) a review of local, State, and Federal regulatory agency lists compiled by Environmental Data Resources, Inc. (EDR). The scope of work for this Phase I ESA conforms to ASTM E 1527-13. Krazan was provided written authorization to conduct the Phase I ESA by Ms. Marci Whaley with Assemi Group, Inc. on January 25, 2018 in Krazan’s January 24, 2018 Proposal/Cost Estimate No. P18-022.

3.0 SITE DESCRIPTION

The subject site is located Southwest of North Bryan and West Ashlan Avenues in Fresno County, California. The subject site consists of one parcel measuring 17.54 acres with the associated Fresno County Assessor’s Parcel Number (APN) of 512-050-89. The subject site is vacant land.

General property information and property use are summarized in Table I. Refer to Figures No. 1 – 4 following the Reference Section.

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TABLE I
Subject Site Information Summary

Current Owner:	West Fresno Holdings LLC
Assessor's Parcel Number:	512-050-89
Address:	No current address
Historical Address:	N/A
General Location:	Southwest of North Bryan and West Ashlan Avenues
Acreage:	17.54 acres
Existing Use:	Vacant Land
Number of Buildings:	None
Original Construction Date:	N/A
Proposed Use:	Residential Development
Topographic Map:	U.S. Geological Survey, 7.5 minute Herndon, California topographic quadrangle map, dated 1964, photo inspected 1978
Topographic Map Location:	NW quarter of Section 21, Township 13 South, Range 19 East, Mount Diablo Baseline and Meridian
Latitude/Longitude:	36.788977° / -119.909590°
Topography:	Relatively flat, approximately 280 feet above mean sea level
Approximate Depth to Groundwater:	90 feet below ground surface (bgs), State of California Department of Water Resources (DWR)*
Regional Groundwater Flow Direction:	Southwest, DWR

* State of California, Department of Water Resources, *Lines of Equal Elevation of Water in Wells Unconfined Aquifer, San Joaquin Valley, Spring 2010*.

3.1 Geology and Hydrogeology

The subject site is located within the San Joaquin Valley, a broad structural trough bound by the Sierra Nevada and Coast Ranges of California. The San Joaquin Valley, which comprises the southern portion of the Great Valley of California, has been filled with several thousand feet of sedimentary deposits. Sediments in the eastern valley, derived from the erosion of the Sierra Nevada, have been deposited by major to minor west-flowing drainages and their tributaries. Near-surface sediments are dominated by sands and silty sands with lesser silts, minor clays, and gravel. The sedimentary deposits in the region form large coalescing alluvial fans with gentle slopes. The groundwater in the area is reported to be first encountered at a depth of approximately 90 feet bgs. The groundwater flow direction in the area of the subject site is generally towards the southwest.

4.0 SITE RECONNAISSANCE

A site reconnaissance, which included a visual observation of the subject site and surrounding properties, was conducted by Ken Sani, Krazan's Environmental Assessor, on February 16, 2018. Krazan's Environmental Assessor was unaccompanied during the site reconnaissance. The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental

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conditions, including hazardous substances and petroleum products, in connection with the property (including soils, surface waters, and groundwater).

4.1 Observations

The following Table II summarizes conditions encountered during our site reconnaissance. A discussion of visual observations follows Table II. Refer to the Site Map (Figure No. 3) and color photographs following the text for the locations of items discussed in this section of the report.

TABLE II
Summary of Site Reconnaissance

Feature	Observed	Not Observed
Structures (existing)		X
Evidence of Past Uses (foundations, debris)		X
Hazardous Substances and/or Petroleum Products (including containers)		X
Aboveground Storage Tanks (ASTs)		X
Underground Storage Tanks (USTs) or Evidence of USTs		X
Evidence of Underground Pipelines		X
Strong, Pungent, or Noxious Odors		X
Pools of Liquid Likely to be Hazardous Materials or Petroleum Products		X
Drums		X
Unidentified Substance Containers		X
Potential Polychlorinated Biphenyl (PCB)-Containing Equipment		X
Subsurface Hydraulic Equipment		X
Heating/Ventilation/Air conditioning (HVAC)		X
Stains or Corrosion on Floors, Walls, or Ceilings		X
Floor Drains, Sumps, or Oil/Water Clarifiers		X
Storm Drains		X
Pits, Ponds, or Lagoons		X
Stained Soil and/or Pavement		X
Soil Piles		X
Stressed Vegetation		X
Waste or Wastewater (including stormwater) Discharges to Surface/ Surface Waters		X
Wells (irrigation, domestic, dry, injection, abandoned, monitoring wells)		X
Septic Systems		X

The subject site comprises approximately 17.54 acres of vacant land with the Fresno County APN: 512-050-89. Refer to Figure No. 3, Site Map, for locations of the following referenced on-site features:

- The subject site was observed to be vacant land. No evidence of hazardous materials storage/waste was observed on the subject site;
- During the visual observations of the subject site, no hazardous materials or hazardous waste were observed. Exposed surface soils did not exhibit obvious signs of discoloration. No major depressions were observed on the subject site. No obvious evidence (vent pipes, fill pipes, dispensers, etc.) of USTs was noted within the areas observed. No indications of former structures, such as foundations, were observed on the subject site; and,

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- No high-voltage, tower-mounted electrical transmission lines were observed on or in the vicinity of the subject site.

4.2 Utilities

Based on Krazan's research, the following Table III summarizes companies/municipalities that will provide utility services to the subject site:

TABLE III
Municipal Service / Utility Providers

Service / Utility	Provider
Electricity	Pacific Gas & Electric Company (PG&E)
Natural Gas	PG&E
Potable Water	City of Fresno upon future development/annexation
Sanitary Sewer	City of Fresno upon future development/annexation

4.3 Adjacent Streets and Property Usage

The following Table IV summarizes the current adjacent roads and adjacent property uses observed during the site reconnaissance.

TABLE IV
Adjacent Streets and Property Use

Direction	Adjacent Street	Adjacent Property Use (Address)
North	None	Rural Residential
South	None	Rural Residential, Agricultural
East	North Bryan Avenue	Agricultural
West	None	Food Processing Plant, Vacant Land

Based on the observed uses of the properties located immediately adjacent to the subject site, it is unlikely that significant quantities of hazardous materials are stored at the adjacent properties.

4.4 ASTM Non-Scope Considerations Asbestos-Containing Materials

According to ASTM E 1527-13, there may be environmental issues or conditions at the subject site that are outside the scope of the Phase I ESA practice (non-scope considerations). Some substances may be present at the subject site in quantities and under conditions that may lead to contamination of the subject site or of nearby properties but are not included in CERCLA's definition of hazardous substances (42 U.S.C. §9601[14]). ASTM non-scope considerations are discussed below.

Asbestos-Containing Materials

Asbestos is a group of naturally occurring mineral fibers that have been used commonly in a variety of building construction materials for insulation and as a fire-retardant. Because of its fiber strength and heat resistant properties, asbestos has been used for a wide range of manufactured goods, mostly in

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building materials, vehicle brakes, and heat-resistant fabrics, packaging, gaskets, and coatings. When asbestos-containing materials (ACMs) are damaged or disturbed by repair, remodeling, or demolition activities, microscopic asbestos fibers may become airborne and can be inhaled into the lungs, where they can cause significant health problems. No structures are located on the subject site. Therefore, ACMs are not considered an on-site environmental concern at this time.

Lead-Based Paint

Although lead-based paint (LBP) was banned in 1978, many buildings constructed prior to 1978 have paint that contains lead. Lead from paint, chips, and dust can pose serious health hazards if not addressed properly. No structures are located on the subject site. Therefore, LBP is not considered an on-site environmental concern at this time.

Mold and Moisture Intrusion

A class of fungi, molds have been found to cause a variety of health problems in humans, including allergic, toxicological, and infectious responses. Molds are decomposers of organic materials, and thrive in humid environments, and produce spores to reproduce, just as plants produce seeds. When mold spores land on a damp spot indoors, they may begin growing and digesting whatever they are growing on in order to survive. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or unaddressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials including drywall, wallpaper, baseboards, wood framing, insulation and carpeting often play host to such growth. Moisture control is the key to mold control. Molds need both food and water to survive; since molds can digest most things, water is the factor that limits mold growth. The EPA recommends the following action to prevent the amplification of mold growth in buildings:

- Fix leaky plumbing and leaks in the building envelope as soon as possible;
- Watch for condensation and wet spots. Fix source(s) of moisture problem(s) as soon as possible;
- Prevent moisture due to condensation by increasing surface temperature or reducing the moisture level in air (humidity). To increase surface temperature, insulate or increase air circulation. To reduce the moisture level in air, repair leaks, increase ventilation (if outside air is cold and dry), or dehumidify (if outdoor air is warm and humid);
- Keep heating, ventilation, and air conditioning (HVAC) drip pans clean, flowing properly, and unobstructed;
- Vent moisture-generating appliances, such as dryers, to the outside where possible;
- Maintain low indoor humidity, below 60% relative humidity (RH), ideally 30-50%, if possible;
- Perform regular building/HVAC inspections and maintenance as scheduled;

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- Clean and dry wet or damp spots within 48 hours; and,
- Do not let foundations stay wet. Provide drainage and slope the ground away from the foundation.

No structures are currently located on the subject site. Therefore, microbial growth and moisture intrusion are not considered an on-site environmental concern at this time.

Radon

Radon is a radioactive gas that is found in certain geologic environments and is formed by the natural breakdown of radium, which is found in the earth's crust. A radon survey was not included within the scope of this investigation; however, the State of California Department of Health Services (CDHS) maintains a statewide database of radon results in designated geographic areas. Radon detection devices are placed in homes throughout the study region to determine geographic regions with elevated radon concentrations. The U.S. EPA has set the safety standard for radon gas in homes to be 4.0 pico Curies per liter (pCi/l).

The US EPA has prepared a map to assist National, State and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action Limit of 4.0 pCi/L. It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the EPA recommends site specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures. Review of the EPA Map of Radon Zones places the Property in Zone 2, where average predicted radon levels are between 2.0 and 4.0 pCi/L. Therefore, the available data suggests that the potential for radon to adversely impact the subject site appears to be low.

Wetlands

As defined by the U.S. EPA and the Department of Army, Corps of Engineers, wetlands are "those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions." Jurisdictional wetlands are regulated under Section 404 of the Clean Water Act (1972, 1977, and 1987, and also the 1985 and 1990 Farm Bills), and are important for protection of aquatic waterfowl and species, water purification, and flood control. According to current Corps of Engineers information, three basic criteria are currently used to define wetlands:

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- Wetland hydrology - areas exhibiting surface or near-surface saturation or inundation at some point in time (greater than 12.5 percent of growing season defined on basis of frost-free days) during an average rainfall year;
- Hydrophilic vegetation - frequency of occurrence of wetland indicator plants (plant life growing in water, soil, or substrate that is periodically deficient in oxygen as a result of excessive water content); and,
- Hydric soil - landscape patterns identified by saturation, flooding, or ponding long enough during the growing season (generally seven days) which develop characteristic color changes in the upper part of the soil as a result of anaerobic conditions.

Based on Kraزان's reconnaissance of the subject site, evidence was not apparent to suggest that the site contained a wetland. Furthermore, according to the U. S. Fish & Wildlife Service (USFWS) National Wetlands Inventory available via the USFWS Internet website, the subject site does not contain a designated wetland. Therefore, at this time, regulations pertaining to wetlands do not appear to impact the subject site.

Environmental Non-Compliance Issues

No obvious material non-compliance issues were identified in connection with the subject site in the process of preparing this report.

5.0 USER-PROVIDED INFORMATION

A review of User-provided information was conducted in order to help identify pertinent information regarding potential environmental impacts associated with the subject site.

5.1 Final Title Report and Environmental Lien Search

A Final Title Report or Environmental Lien Search were not prepared by or provided to Kraزان during the course of this assessment. The absence of a Final Title Report and Environmental Lien Search represents a data gap.

5.2 Phase I Environmental Site Assessment User Questionnaire

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *user* must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiry* is not complete. The user is asked to provide information or knowledge of the following:

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1. Environmental cleanup liens that are filed or recorded against the site.
2. Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry.
3. Specialized knowledge or experience of the person seeking to qualify for the LLPs.
4. Relationship of the purchase price to the fair market value of the *property* if it were not contaminated.
5. Commonly known or *reasonably ascertainable* information about the *property*.
6. The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation.
7. The reason for preparation of this Phase I ESA.

West Fresno Holdings LLC, a subsidiary of the Assemi Group, Inc., is the owner of the subject site as well as the Phase I ESA User. A completed Phase I ESA User questionnaire was received from Ms. Christine Lingenfelter with the Assemi Group, Inc., the Phase I ESA User, as part of a completed Owner/User questionnaire. Please refer to Appendix A in the Table of Contents for a copy of the completed Phase I ESA Owner/User questionnaire.

According to the questionnaire responses, Ms. Lingenfelter, to the best of her knowledge as the user of this Phase I ESA, was not aware of any environmental cleanup liens and activity or land use limitations which have been filed or recorded against the subject site; and Ms. Lingenfelter has no specialized knowledge or experience of the prior nature of the business or chemical utilization on the subject site. Ms. Lingenfelter indicated that she has no knowledge of the historical uses of the subject site. Ms. Lingenfelter indicated that she did not have knowledge of the past or current presence of specific chemicals or hazardous materials, unauthorized spills or chemical releases or of any environmental cleanups in connection with the subject site. Ms. Lingenfelter indicated that she is not aware of any obvious indications pointing to the presence or likely presence of contamination of the subject property. Ms. Lingenfelter stated that the purchase price of the subject site was not applicable in this instance. Additionally, Ms. Lingenfelter indicated that the reason for preparation of this Phase I ESA is related to a bank loan.

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6.0 SITE USAGE SURVEY

The property usage survey included assessing property history, conducting interview(s) with person(s) knowledgeable of the previous and current ownership and uses of the subject site, and reviewing local, state, and federal regulatory agency records.

6.1 Site History

A review of historical aerial photographs, a USGS topographic quadrangle map, contact with the Fresno County Public Works and Development Department (FCPWDD) records, reasonably ascertainable city directories, and a search for historical fire insurance maps (HFIMs) were utilized to assess the history of the subject site.

Aerial Photograph Interpretation

Historical aerial photographs dated 1937, 1950, 1962, 1973, 1987, 1998, 2006, and 2017 were reviewed to assess the history of the subject site. These photographs were obtained from Environmental Data Resources Inc. (EDR) and Google Earth™. The aerial photograph summary is provided in Table V. Please refer to Appendix B in the Table of Contents for a copy of the Historical Aerial Photographs.

TABLE V
Summary of Aerial Photograph Review

Year/Scale	Site Use	Site and Adjacent Property Observation
1937 1" = 680'	Agricultural	The subject site and adjacent properties to the north and south appear to be utilized for agricultural purposes. North Bryan Avenue appears to bound the subject site to the east. The adjacent property to the west appears to be vacant land. The adjacent property to the east, beyond North Bryan Avenue, appears to be predominantly vacant land with two rectangular-shaped structures located within the eastern portion. The adjacent property to the southeast appears to be occupied by a rural residential dwelling and associated out-structures and is cultivated for row crops.
1950 1" = 680'	Agricultural	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1937 aerial photograph except that the adjacent properties to the west and east appear to be utilized for agricultural purposes.
1962 1" = 680'	Agricultural	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1950 aerial photograph.
1973 1" = 680'	Agricultural	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1962 aerial photograph.

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TABLE V (continued)
Summary of Aerial Photograph Review

Year/Scale	Site Use	Site and Adjacent Property Observation
1987 1" = 680'	Agricultural	Conditions on the adjacent properties to the east and southeast appear relatively similar to those noted in the 1973 aerial photograph. The adjacent property to the north appears to be occupied by several rural residential dwellings; and the adjacent property to the west appears to be cultivated for row crops within the northern portion and occupied by several metal warehouses within the southern portion. The adjacent property to the south appears to be predominantly vacant land with a rural residential dwelling and associated out structure located within the southern portion.
1998 1" = 500'	Agricultural	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1987 aerial photograph except that what appear to be several storage bins/containers are located within the eastern portion of the adjacent property to the west, and the northern area of the eastern portion of the adjacent property to the south.
2006 1" = 500'	Agricultural	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1998 aerial photograph.
2017 1" = 500'	Vacant Land	The subject site appears to be vacant land. Conditions on the adjacent properties appear relatively similar to that noted in the 2006 aerial photograph except that another residential dwelling appears to have been added to the adjacent property to the southeast.

USGS Topographic Quadrangle Map

Krazan's review of the USGS, 7.5 minute, Herndon, California topographic quadrangle map dated 1964, photo inspected 1978 indicates that a structure was located within the northeastern portion of the subject site. The subject site is situated at an elevation of 280 feet above MSL. No evidence of fill areas or landfills are depicted on the subject site or the adjacent properties. Refer to Figure No. 4, Topographic Map, for reference.

Fresno County Public Works and Development Department Records

On February 16, 2018, the FCPWDD was visited to review building permit records for the subject site APN of 512-050-89. According to representatives of the FCPWDD, permits are filed by street address; however, street addresses have not been assigned to the subject site. Therefore, no permits for items such as underground storage tanks, septic systems, building, demolition, or previous structures are on file with the FCPWDD for the subject site.

City Directories

City directories were not searched due to the current absence of structures and addresses associated with the subject site.

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Sanborn Fire Insurance Maps

Krazan reviews SFIMs to evaluate prior land use of the subject site and the adjacent properties. SFIMs typically exist for cities with populations of 2,000 or more, the coverage dependent on the location of the subject site within the city limits. Krazan contracted with EDR to provide copies of available SFIMs for the subject site and the adjacent properties as far back as 1867. EDR's search of SFIMs revealed no coverage for the subject site and the adjacent properties. Please refer to Appendix C in the Table of Contents for a copy of the EDR SFIM *Unmapped Property* Report.

6.2 Interviews

Krazan seeks to conduct interviews with the current and previous owners of the subject site. The interviews are designed to provide pertinent information regarding potential environmental impacts associated with the subject site.

Subject Site Owner

West Fresno Holdings LLC, a subsidiary of the Assemi Group, Inc., is the owner of the subject site and is also the Phase I ESA User. A completed Phase I ESA Owner questionnaire was received from Ms. Christine Lingenfelter with West Fresno Holdings LLC, the owner of the subject site, as part of an Owner/User questionnaire. Please refer to Appendix A in the Table of Contents for a copy of the completed Phase I ESA Owner/User questionnaire. According to the questionnaire responses, Ms. Lingenfelter indicated that she has been familiar with the subject site for approximately six years, and that historically no structures have ever been located on the subject site. Furthermore, Ms. Lingenfelter indicated that the purpose for the Phase I ESA is in regards to a bank loan on the subject site.

According to the questionnaire responses, Ms. Lingenfelter indicated no knowledge of the current or historical presence of the disposal of hazardous materials; hazardous materials spills, environmental cleanups, on-site treatment of waste; environmental liens, AULs, engineering or institutional controls; USTs; ASTs; on-site leach fields, dry wells, sumps, or disposal ponds; buried materials; monitoring wells; or any items of environmental concern associated with the subject site.

Previous Subject Site Owner

An interview with a previous owner/occupant of the subject site was not reasonably ascertainable.

6.3 Agricultural Chemicals

Review of historical aerial photographs indicates that the subject site was utilized for agricultural purposes from at least 1937 to at least 2006. Although the potential exists that environmentally persistent

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pesticides/herbicides were historically applied to the crops grown on the subject site, 1) no structures were noted upon review of historical aerial photographs of the subject site, and impacts from agricultural chemicals are most often identified in association with chemical mixing and storage areas (structures), 2) no material evidence of the use of environmentally persistent pesticides/herbicides was obtained during the course of this assessment, and 3) it is anticipated that any environmentally persistent pesticides/herbicides potentially located on site will be dislocated/diluted as a result of the trenching and rough grading operations conducted at the time of redevelopment. Therefore, given the above-referenced factors and Krazan's experience in the subject site vicinity which generally indicates that the potential is low for elevated concentrations of environmentally persistent pesticides/herbicides related to agricultural cultivation to exist in the near-surface soils of common agricultural ground at concentrations which would require regulatory action, the potential for elevated concentrations of environmentally persistent pesticides/herbicides to currently exist in the near-surface soils of the subject site at concentrations which would require regulatory action appears to be low.

6.4 Regulatory Agency Interface

A review of regulatory agency records was conducted to help determine if hazardous materials have been handled, stored, or generated on the subject site and/or the adjacent properties and businesses. Regulatory records are reviewed based on the following criteria: 1) properties with known soils and/or groundwater releases considered to represent the potential for impact to the subject site that are located within 1,760 feet of the subject site for constituents of concern impacts or 528 feet of the subject site for petroleum hydrocarbon impacts; 2) properties that are adjacent or in proximity to the subject site included within the EDR regulatory database report or noted during the site reconnaissance to possibly handle, store, or generate hazardous materials. Applicable property records are discussed below.

Fresno County Department of Community Health, Environmental Health System

The Fresno County Department of Community Health, Environmental Health System (FCEHS) is the lead regulatory agency or Certified Unified Program Agency (CUPA) for hazardous materials handling facilities in Fresno County. Krazan's review of the FCEHS CUPA and Solid Waste Programs Resource List (CUPA List) dated October 2017 indicated that no records are on file with the FCEHS for the subject site.

Fresno County Fire Protection District

The Fresno County Fire Protection District (FCFPD) has jurisdiction for the fire protection for the subject site and the immediate vicinity. According to representatives of the FCFPD, records of hazardous materials incidents are kept by the FCEHS. Additionally, hazardous/flammable incidents are filed

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according to the date of occurrence and not by the location of occurrence with the FCFPD. Therefore, records of hazardous/flammable releases or incidents were not reasonably ascertainable from the FCFPD.

State of California Regional Water Quality Control Board - Geotracker

Krazan's review of the State of California Regional Water Quality Control Board (RWQCB) Geotracker database available via the RWQCB Internet Website indicated that no LUST sites, cleanup program sites, land disposal sites, military sites, or permitted UST sites are listed for the subject site. However, one adjacent property was listed and is discussed below:

Lamanuzzi & Pantaleo adjacent to the west/southwest
3636 North Grantland Avenue
According to records on file with the RWQCB, this facility maintain a Permit To Operate as an Extremely Hazardous Substance Handler and as a Hazardous Waste Generator. Additionally, this facility maintains a Permit To Operate an Above Ground Petroleum Storage Tank System which, according to RWQCB records, are currently empty and no longer being used. This facility also maintained a California Accident Release Prevention (CALARP) Risk Management Plan for the storage of sulfur dioxide (anhydrous). An official CALARP RMP Review Audit-Inspection was made at this facility on July 25, 2017 and indicated that sulfur dioxide was no longer stored at this facility and used in the packing process operations, and no violations were noted. Therefore, the RWQCB is in the process of deactivating the CALARP RMP for this facility. Additionally, according to RWQCB records, a Tentative Rescission of Waste Discharge Requirements Order No. 94-350 was filed on February 6, 2017. No other records are on file with the RWQCB. Based on the removal of this facility from the CALARP Risk Management Program, the apparent absence of documented releases to the subsurface from this facility, and its location hydraulically cross- to downgradient from the subject site, there is no material evidence to suggest that this facility currently represents an environmental concern in connection with the subject site.

State of California Department of Toxic Substances Control - Envirostor

Krazan's review of the State of California Department of Toxic Substances Control (DTSC) Envirostor database available via the DTSC's Internet Website indicated that no sites including State response sites, voluntary cleanup sites, school cleanup sites, or military or school evaluation sites are listed for the subject site. However, one property within the vicinity of the subject site was listed and is discussed below:

Westlake Village adjacent to the west
Bounded By Shields, Grantland, Garfield, and Gettysburg
According to records on file with the DTSC, a Subsurface Investigation Report was prepared by Partner Engineering and Science, Inc. (Partner) on this property in August 2015. The subsurface investigation was conducted to identify the location of USTs and former tankholds, and to investigate the potential impact of petroleum hydrocarbons, volatile organic compounds (VOCs), metals, and pesticides/herbicides as a consequence of potential releases from former agricultural and industrial activities. The scope of the

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investigation included a geophysical survey, four soil borings, and 40 shallow soil samples. The geophysical survey did not identify the presence of USTs and/or other associated features. Soil samples did not contain detectable concentrations of total petroleum hydrocarbons (TPH) and VOCs in excess of method detection limits (MDLs). Each of the four analyzed soil samples contained concentrations of arsenic, however, the concentrations did not exceed typical background concentrations. No other metals were detected above residential screening levels (RSLs). According to Partner, there is no evidence of a release of hazardous materials from this facility and no further investigation was recommended. Based on the fact the subsurface investigation did not identify any subsurface anomalies and did not detect concentrations of VOCs, TPH, and arsenic in excess of MDLs and background concentrations, and this facility's location hydraulically cross- to downgradient from the subject site, there is no evidence to suggest that this facility represents an environmental concern in connection with the subject site.

California Department of Conservation, Division of Oil, Gas and Geothermal Resources - DOMS

Krazan's review of the State of California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR) Online Mapping System (DOMS) indicated that no plugged and abandoned or producing oil wells are located on or adjacent to the subject site.

Local Area Tribal Records

No Indian reservations, USTs on Indian land, or LUSTs on Indian land were reported on the subject site, adjacent properties, or vicinity properties in the EDR-provided government database report.

6.5 Regulatory Agency Lists Review

Several agencies have published documents that list businesses or properties which have handled hazardous materials or waste or may have experienced site contamination. The lists consulted in the course of our assessment were compiled by EDR and Krazan and represent reasonably ascertainable current listings. Krazan did not verify the locations and distances of every property listed by EDR. Krazan verified the location and distances of the properties Krazan deemed as having the potential to adversely impact the subject site. The actual location of the listed properties may differ from the EDR listing. Refer to the Map Findings Summary Table VI below, within the EDR Radius Map Report, and shown below, for a summary of the listed properties located within the specified ASTM Search Radii. The actual distances of the listed properties (which are summarized below) are based on observations during Krazan's site reconnaissance. No EDR-listed unmapped (non geocoded) sites were determined to be located on or adjacent to the subject site. Please refer to Appendix D in the Table of Contents for a copy of the EDR Radius Map report.

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**TABLE VI
Summary of Findings**

MAP FINDINGS SUMMARY								
Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	2	NR	2
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	0	NR	NR	0

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**TABLE VI (continued)
Summary of Findings**

MAP FINDINGS SUMMARY								
Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	1	NR	NR	NR	2
HIST UST	0.250		1	1	NR	NR	NR	2
CA FID UST	0.250		1	1	NR	NR	NR	2
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

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**TABLE VI (continued)
Summary of Findings**

MAP FINDINGS SUMMARY								
Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	2	NR	NR	NR	2
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0

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**TABLE VI (continued)
Summary of Findings**

MAP FINDINGS SUMMARY								
Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals -		0	3	6	0	2	0	11
NOTES:								
TP = Target Property								
NR = Not Requested at this Search Distance								
Sites may be listed in more than one database								

The subject site was not listed in the EDR Radius Map Report.

The following facility was listed adjacent to the subject site:

Westlake Village adjacent to the west
Bounded By Shields, Grantland, Garfield, and Gettysburg
According to EDR, this facility is listed as a VCP and ENVIROSTOR site located within 3,813 feet of the subject site. During Krazan's site reconnaissance, this facility was observed to be located adjacent to the west of the subject site. Subsurface investigation records for this facility are on file with the DTSC. Based on Krazan's review of DTSC

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records, there is no evidence to suggest that this facility represents an environmental concern in connection with the subject site. DTSC records for this facility were previously discussed in Section 6.4 of this report.

The following facility was listed in the vicinity of the subject site:

Lamanuzzi & Pantaleo adjacent to the west/southwest
3636 North Grantland Avenue
According to EDR, this facility is listed as an AST, CUPA LISTINGS, and EMI site located within 696 feet of the subject site. During Krazan's site reconnaissance, this facility was observed to be located adjacent to the west/southwest of the subject site. Hazardous materials and CALARP RMP records for this facility are on file with the RWQCB. Based on Krazan's review of RWQCB records, there is no evidence to suggest that this facility represents an environmental concern in connection with the subject site. RWQCB records for this facility were previously discussed in Section 6.4 of this report.

The remaining properties within the specified search radius of the subject site which appeared on local, state, or federally published lists of sites that use or have had releases of hazardous materials or petroleum products are of sufficient distance and/or situated hydraulically cross- or downgradient from the subject site such that impact to the subject site via groundwater migration is unlikely. In general, potentially hazardous materials released from facilities located approximately hydraulically upgradient within subject site vicinity, or in a hydraulically cross-gradient direction in proximity to the site, may have a reasonable potential of migrating to the subject site via groundwater flow. This opinion is based on the assumption that non-vaporous hazardous materials generally do not migrate large distances laterally within the soil, but rather tend to migrate with groundwater in the general direction of groundwater flow. However, the potential for migration of volatile hazardous materials may include movement within soils, groundwater flow or potentially omni-directionally if present in a vaporous state.

Hazardous Materials Migration in Vapor

Hazardous materials or petroleum product vapors which may have the potential to migrate into the subsurface of the subject site may be caused by the release of vapors from contaminated soil or groundwater either on or in the vicinity of the subject site from current or historical uses of the subject site and/or adjacent or vicinity properties. Current or past land uses such as gasoline stations (using petroleum hydrocarbons), dry cleaning establishments (using chlorinated volatile organic compounds), former manufactured gas plant sites (using volatile and semi-volatile organic compounds), and former industrial sites such as those that had vapor degreasing or other parts-cleaning operations (using chlorinated volatile organic compounds) are of particular concern. Constituent of concern vapors are capable of migrating great distances omni-directionally along subsurface conduits such as pipelines, utility lines, sewer and stormwater lines, and building foundations.

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Based on Krazan's observations and review of the EDR regulatory database report, no listings of concern were determined to be associated with the subject site, adjacent properties, or properties located within the subject site vicinity. However, the screening process for vapor migration in connection with the subject site is described in the ASTM E 2600-10 *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*, an industry consensus methodology to assess vapor migration which is not included in the scope of work of this Phase I ESA.

No engineering control sites, sites with institutional controls, or sites with deed restrictions were listed for the subject site, adjacent sites or vicinity properties in the EDR Report.

7.0 **DISCUSSION OF FINDINGS**

TABLE VII
Summary of Conclusions

Apparent Evidence of RECs/PAOCs From:	Not Noted	Noted
Historical Uses	X	
Current Uses	X	
Adjacent or Vicinity Property Uses	X	

Historical Uses:

Based on Krazan's review of historical aerial photographs, a site reconnaissance, and contacts with the local regulatory agencies and the owner of the subject site, there is no evidence that RECs or PAOCs exists in connection with the historical uses of the subject site.

Current Uses

Based on Krazan's site reconnaissance, contacts with State and local regulatory agencies, and an interview with the subject site owner, there is no evidence that RECs or PAOCs exist in connection with the current uses of the subject site.

Adjacent or Vicinity Property Uses

Based on Krazan's review of historical research of the subject site, a site reconnaissance, contacts with the State and local regulatory agencies, review of the EDR regulatory database report, and an interview with the subject site owner, there is no evidence that RECs or PAOCs exist in connection with the subject site from adjacent or vicinity property uses.

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7.1 Evaluation of Data Gaps/Data Failure

In accordance with ASTM E 1527-13 guidance, data gaps represent a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice. Data failure represents the failure to achieve the historical research objectives of this practice even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap. The following is a summary of data gaps encountered in the process of preparing this report including an observation as to the presumed significance of that data gap to the conclusions of this assessment.

- Absence of Final Title Report or Environmental Lien Search (Section 5.1)

A Final Title Report or Environmental Lien Search was not provided by the Phase I ESA User, therefore a data gap exists. Taken in consideration with the available information obtained in the course of preparing this report in conjunction with professional experience, there is no evidence to suggest that this data gap might alter the conclusions of this assessment. However, the contents of a Final Title Report or Environmental Lien Search are unknown.

8.0 CONCLUSIONS/OPINIONS

We have conducted a Phase I ESA of the subject site in conformance with the scope and limitations of the ASTM E 1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* guidance documents. Any deviations from this practice were previously described in this report. During the course of this assessment, Krazan identified no evidence of recognized environmental conditions (RECs), controlled RECs (CRECs) or historical RECs (HRECs) in conjunction with the subject site as defined by ASTM E 1527-13.

9.0 RELIANCE

This report was prepared solely for use by Client and should not be provided to any other person or entity without Krazan & Associates' prior written consent. No party other than Client may rely on this report without Krazan & Associates' express prior written consent. Reliance rights for third parties will only be in effect once requested by Client and authorized by Krazan & Associates with authorization granted by way of a Reliance Letter. The Reliance Letter will require that the relying party(ies) agree to be bound to

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the terms and conditions of the agreement between Client and Krazan & Associates as if originally issued to the relying party(ies), or as so stipulated in the Reliance Letter.

10.0 LIMITATIONS

This reconnaissance and review of the subject site has been limited in scope. This type of investigation is undertaken with the calculated risk that the presence, full nature, and extent of contamination would not be revealed by visual observation alone. Although a thorough site reconnaissance was conducted in accordance with ASTM Guidelines and employing a professional standard of care, no warranty is given, either expressed or implied, that hazardous material contamination or buried structures, which would not have been disclosed through this investigation, do not exist at the subject site. Therefore, the data obtained are clear and accurate only to the degree implied by the sources and methods used.

The findings presented in this report were based upon field observations during a single property visit, review of available data, and discussions with local regulatory and advisory agencies. Observations describe only the conditions present at the time of this investigation. The data reviewed and observations made are limited to accessible areas and currently available records searched. Krazan cannot guarantee the completeness or accuracy of the regulatory agency records reviewed. Additionally, in evaluating the property, Krazan has relied in good faith upon representations and information provided by individuals noted in the report with respect to present operations and existing property conditions, and the historic uses of the property. It must also be understood that changing circumstances in the property usage, proposed property usage, subject site zoning, and changes in the environmental status of the other nearby properties can alter the validity of conclusions and information contained in this report. Therefore, the data obtained are clear and accurate only to the degree implied by the sources and methods used.

This report is provided for the exclusive use of the client noted on the cover page and shall be subject to the terms and conditions in the applicable contract between the client and Krazan. Any third party use of this report, shall also be subject to the terms and conditions governing the work in the contract between the client and Krazan. The unauthorized use of, reliance on, or release of the information contained in this report without the express written consent of Krazan is strictly prohibited and will be without risk or liability to Krazan.

Conclusions and recommendations contained in this report are based on the evaluation of information made available during the course of this assessment. It is not warranted that such data cannot be superseded by future environmental, legal, geotechnical or technical developments. Consequently, given

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the possibility for unanticipated hazardous conditions to exist on a subject site which may not have been discovered, this Phase I ESA is not intended as the basis for a buyer or developer of real property to waive their rights of recovery based upon environmental unknowns. Parties that choose to waive rights of recovery prior to site development do so at their own risk.

Parties who seek to rely upon Phase I Environmental Site Assessment reports dated more than 180 days prior to the date of reliance do so at their own risk. This limitation in reliance is based on the potential for physical changes at the site, changes in circumstances, technological and professional advances, and guidance related to the continued viability of Environmental Site Assessment reports, user's responsibilities, and requirements for updating of components of the inquiry as stated in the ASTM Standard E 1527-13.

11.0 QUALIFICATIONS

This Phase I ESA was conducted under the supervision or responsible charge of Krazan's undersigned environmental assessor with oversight from the undersigned environmental professional. The work was conducted in accordance with ASTM E 1527-13, generally accepted industry standards for environmental due diligence in place at the time of the preparation of this report, and Krazan's quality-control policies.

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Respectfully submitted,
KRAZAN & ASSOCIATES, INC.



Kenneth R. Sani, REPA No. 872367
Environmental Project Manager



Arthur C. Farkas, REA
Environmental Professional

KRS/ACF/mt

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REFERENCES

- Aerial photographs obtained from Environmental Data Resources, Inc. (EDR), and Google Earth™.
- American Society for Testing and Materials (ASTM), *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment (ESA) Process*, ASTM Designation: E 1527-13.
- ASTM, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*, ASTM Designation E 2600-10.
- Environmental Data Resources, Inc. (EDR), Sanborn Fire Insurance Map *Unmapped Property Report*.
- Environmental Data Resources, Inc. (EDR), Regulatory Database Report.
- Fresno County Public Works and Development Department (FCPWDD).
- Fresno County Department of Community Health, Environmental Health System (FCEHS).
- Lingenfelter, Ms. Christine, with West Fresno Holdings LLC, a subsidiary of the Assemi Group, Inc., the owner of the subject site.
- State of California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR) Maps Website: http://www.conservation.ca.gov/dog/maps/Pages/index_map.aspx
- State of California Department of Toxic Substances Control, Envirostor Website: <http://www.envirostor.dtsc.ca.gov/public>
- State of California Regional Water Quality Control Board, Geotracker Website: <http://geotracker.swrcb.ca.gov>
- State of California, Department of Water Resources, *Lines of Equal Elevation of Water in Wells Unconfined Aquifer, San Joaquin Valley, Spring 2010*.
- U.S. Environmental Protection Agency (EPA) *Map of Radon Zones*.
- U.S. Geological Survey, 7.5 minute Herndon, California topographic quadrangle map, dated 1964, photo-inspected 1978.

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GLOSSARY OF TERMS

Subject Site: The real property being investigated under this Phase I ESA.

Adjacent Properties: Properties which are contiguous with the subject site, or would be contiguous except for a street, road, or other public thoroughfare.

Subject Site Vicinity: Properties located within a 500-foot radius of the subject site.

Environmental Professional: A person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). The EP may be an independent contractor or an employee of the user.

User: The party seeking to use Practice E 1527 to complete an environmental site assessment of the subject site. A user may include, without limitation, a potential purchaser of the subject site, a potential tenant of the subject site, an owner of the subject site, a lender, or a property manager.

Recognized Environmental Condition (REC): In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify recognized environmental conditions. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions.

Controlled Recognized Environmental Condition (CREC): A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). For example, if a leaking underground storage tank has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a CREC. The "control" is represented by the restriction that the property use remain commercial. A condition considered by the environmental professional to be a CREC shall be listed in the findings section of the Phase I ESA report and as an REC in the conclusions section. A condition identified as a CREC does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.

Historical Recognized Environmental Condition (HREC): A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release an HREC, the environmental professional must determine whether the past release is an REC at the time the Phase I ESA is conducted (for example, if there has been change in the regulatory criteria). If the EP considers the past release to be an REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as an REC.

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GLOSSARY OF TERMS (continued)

Potential Area of Concern (PAOC): A term adopted to provide an alternative designation to the REC and HREC for a range of environmental issues related to current subject site uses, historical subject site uses, or from adjacent and/or vicinity property uses. The PAOC is utilized to emphasize full disclosure and provide the User with conclusions and recommendations related to potential environmental issues in connection with the subject site based on Krazan's professional experience in cases where official documentation or other evidence may be absent in order to identify an REC or HREC, thereby aiding the User's considerations of environmental due diligence risk tolerance.

Migrate/migration: For the purposes of this practice, "migrate" and "migration" refer to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. Vapor migration in the subsurface is described in ASTM E 2600-10 guidance; however, nothing in the E 1527-13 practice should be construed to require application of the E 2600-10 standard to achieve compliance with AAI.

De minimis condition: A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Condition determined to be *de minimis conditions* are not RECS or CRECs.

Data Gap: A lack of or inability to obtain information required by this practice despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to the site reconnaissance and interviews.

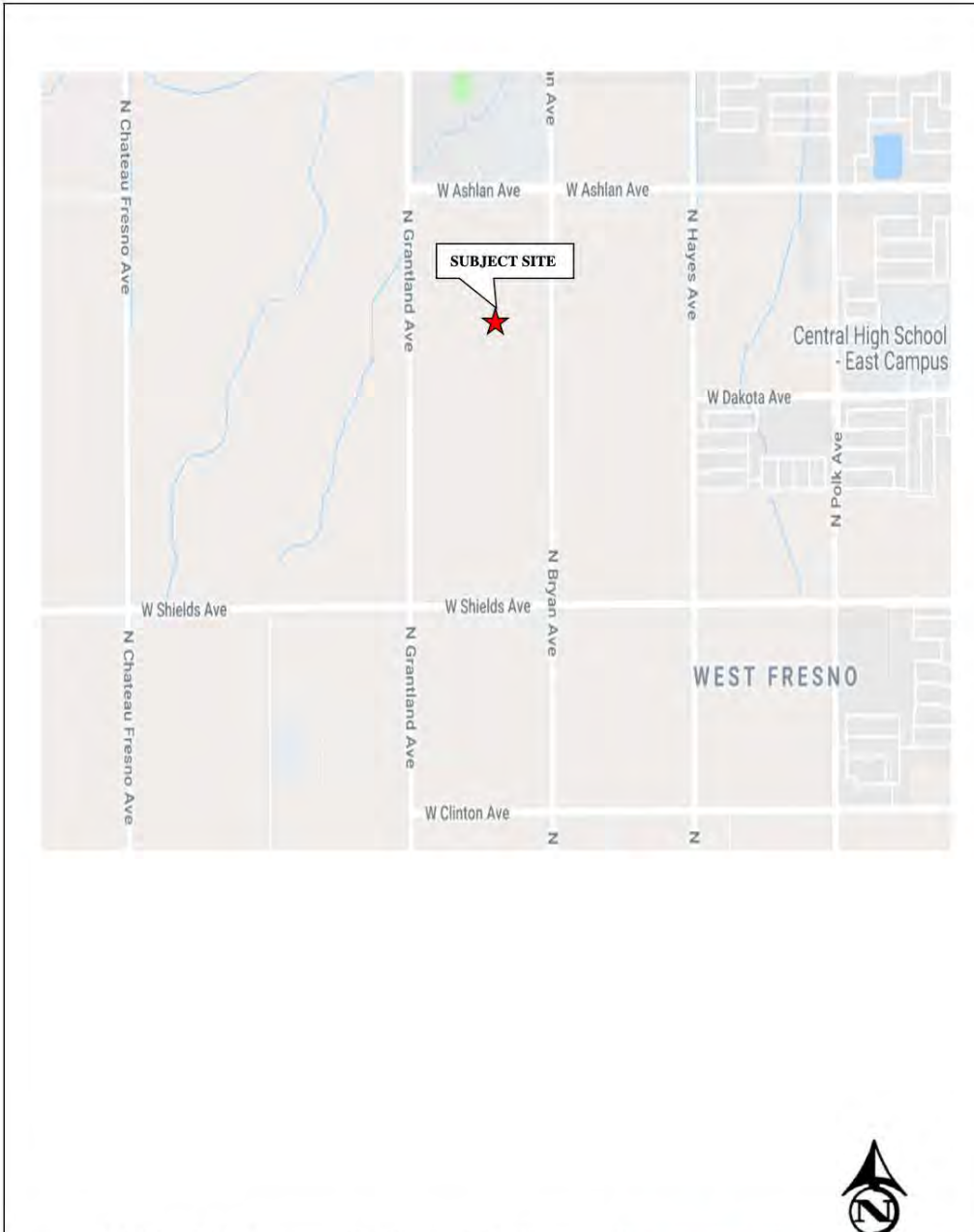
Data Failure: A failure to achieve the historical research objectives even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.


GLOSSARY OF TERMS (continued)

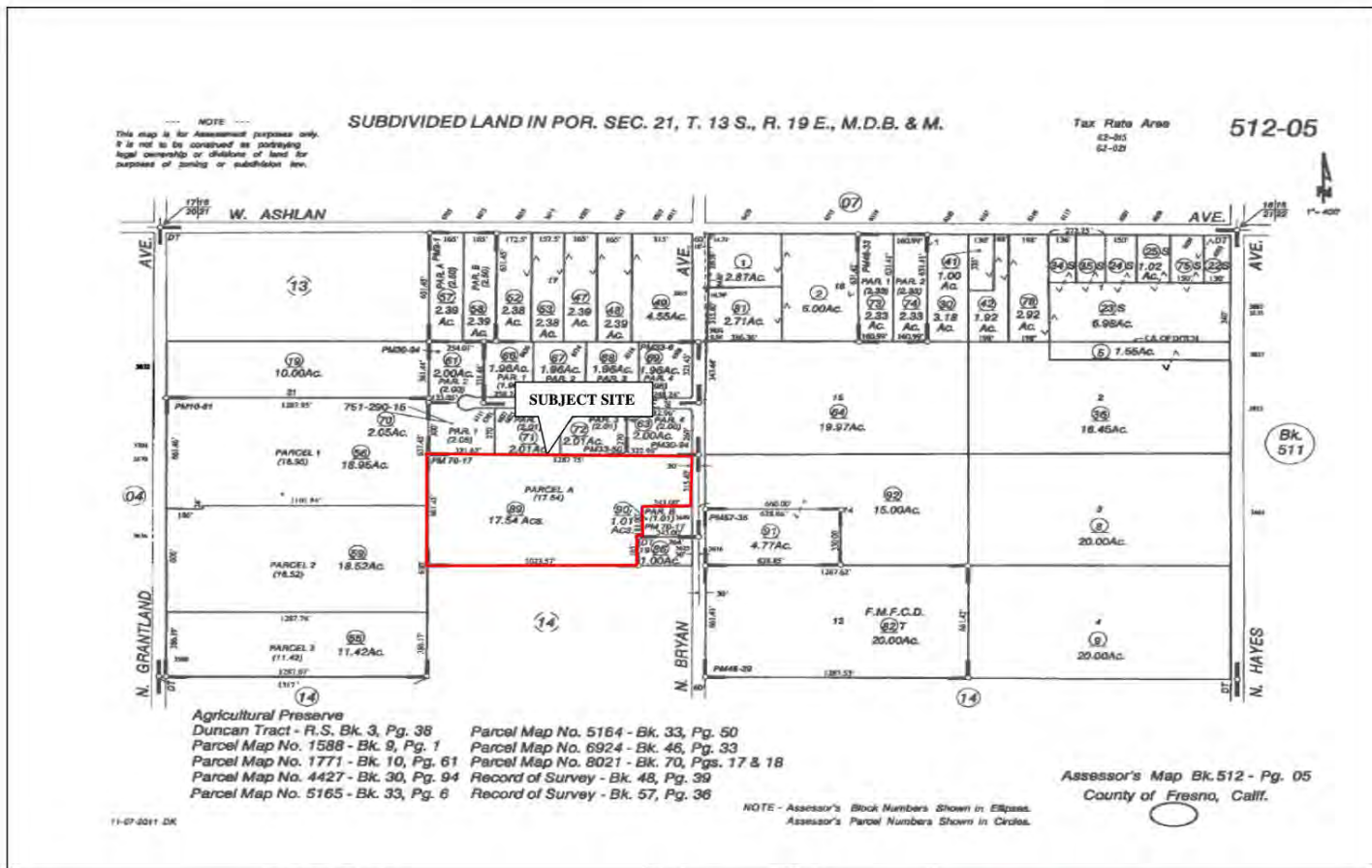
AAI	All Appropriate Inquiries	MTBE	Methyl Tertiary Butyl Ether
AC	Asphalt Concrete	MFR	Multi-Family Residential
ACM	Asbestos-Containing Materials	ND	Nondetectable
AOC	Area of Concern	NFA	No Further Action (letter)
APN	Assessor's Parcel Number	NPDES	National Pollution Discharge Elimination System
AST	Aboveground Storage Tank	NPL	National Priorities List
ASTM	American Society for Testing and Materials	O&M	Operations & Maintenance Plan
AS	Air Sparging	PAOC	Potential Area of Concern
AUL	Activity & Use Limitations	PCB	Polychlorinated Biphenyl
bgs	Below Ground Surface	PCC	Portland Cement Concrete
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes	PCE	Perchloroethylene (Tetrachloroethylene)
CERCLA	Comprehensive Environmental Response Compensation and Liability Act	PEC	Potential Environmental Concern (TS)
CESQG	Conditionally Exempt Small Quantity Generator	PGD	Polk Guide Directory
CFR	Code of Federal Regulations	PG&E	Pacific Gas & Electric
CMU	Concrete Masonry Unit	PHCs	Petroleum Hydrocarbon Constituents
COCs	Constituents of Concern	PID	Photoionization Detector
DEULs	Declaration of Environmental Use Restrictions	ppb	Parts Per Billion
DOGGR	Division of Oil, Gas & Geothermal Resources (CA)	ppm	Parts Per Million
DTSC	Department of Toxic Substances Control (CA)	PRG	Preliminary Remediation Goal
EC	Engineering Control	PRP	Potentially Responsible Party
EFS	Environmental FirstSearch	RAP	Remedial Action Plan
EP	Environmental Professional	RCRA	Resource Conservation and Recovery Act
EPA	United States Environmental Protection Agency	REC	Recognized Environmental Condition
ERP	Emergency Response Plan	RP	Responsible Party
ESA	Environmental Site Assessment	RWQCB	Regional Water Quality Control Board (CA)
ESL	Environmental Screening Level	SBA	Small Business Administration
FOIA	Freedom of Information Act	SFR	Single-Family Residential
GPR	Ground Penetrating Radar	SPCC	Spill Prevention Control and Countermeasure Plan
HCCD	Haines Criss-Cross Directory	SQG	Small Quantity Generator
HFIM	Historical Fire Insurance Map	SCE	Southern California Edison
HMBP	Hazardous Materials Business Plan	SVE	Soil Vapor Extraction
HREC	Historical Recognized Environmental Condition	SVOC	Semi-Volatile Organic Compound
HVAC	Heating, Ventilation, Air Conditioning	SWRCB	State Water Resources Control Board
IC	Institutional Control	TCE	Trichloroethylene
LBP	Lead-Based Paint	TPH	Total Petroleum Hydrocarbons
LLP	Landowner Liability Protection	TPH-D	Total Petroleum Hydrocarbons as Diesel
LQG	Large Quantity Generator	TPH-G	Total Petroleum Hydrocarbons as Gasoline
LUC	Land Use Control	TPH-MO	Total Petroleum Hydrocarbons as Motor Oil
LUST	Leaking Underground Storage Tank	TS	Transaction Screen
MCL	Maximum Contaminant Level	USGS	United States Geological Survey
µg/L	Micrograms Per Liter	USFWS	United States Fish & Wildlife Service
mg/kg	Milligrams Per Kilogram	UST	Underground Storage Tank
mg/L	Milligrams Per Liter	VEC	Vapor Encroachment Condition
MSDS	Material Safety Data Sheet	VES	Vapor Encroachment Screening
		VOCs	Volatile Organic Compounds

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VICINITY MAP BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723	Scale: NTS	Date: February 2018	 SITE DEVELOPMENT ENGINEERS <i>With Offices Serving the Western United States</i>
	Drawn By: KS	Approved by: KS	
	Project No. 014-18020	Figure No. 1	




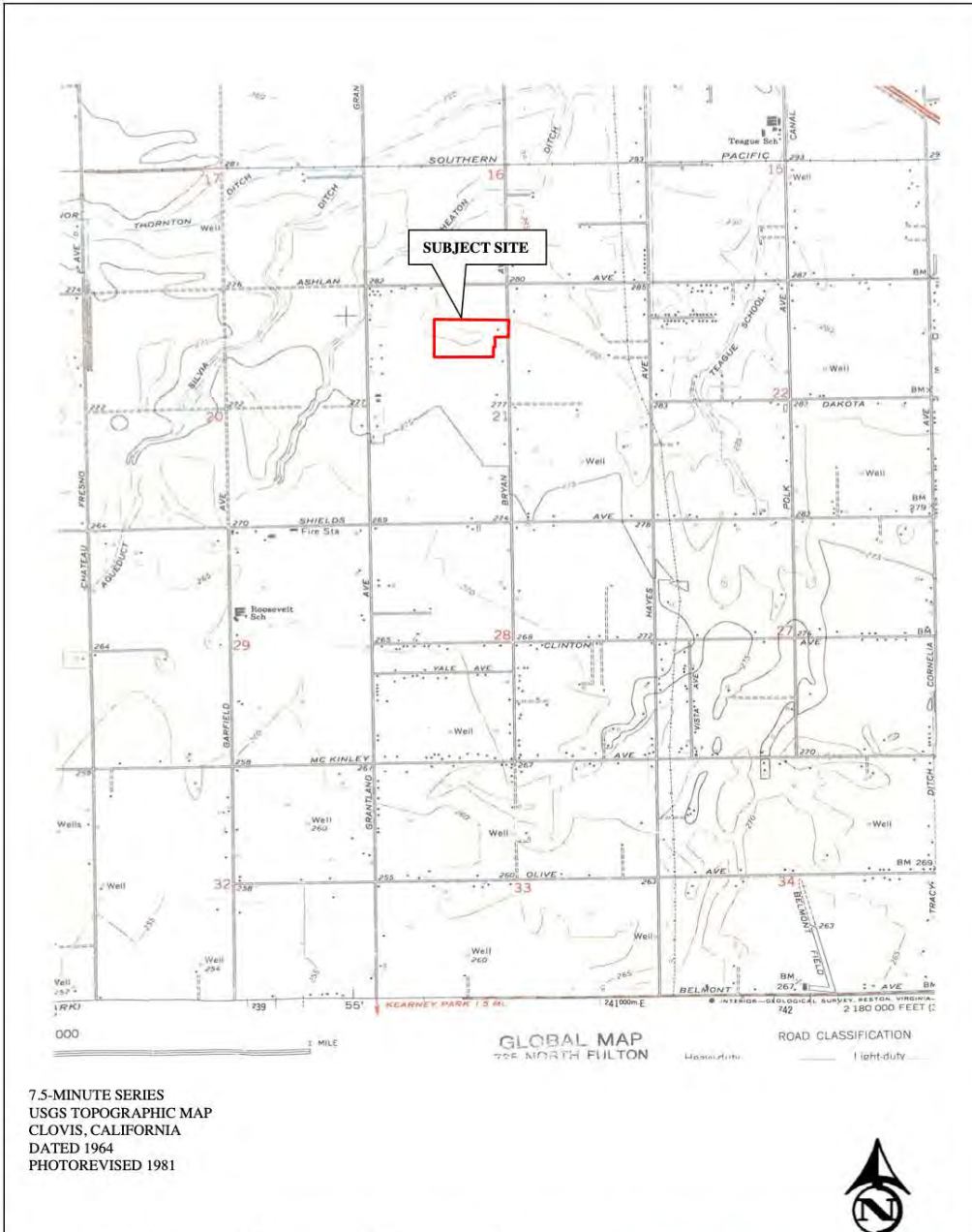
<p>PARCEL MAP</p> <p>BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723</p>	<p>Scale: NTS</p> <p>Drawn By: KS</p> <p>Project No. 014-18020</p>	<p>Date: February 2018</p> <p>Approved by: KS</p> <p>Figure No. 2</p>	 Krazan SITE DEVELOPMENT ENGINEERS With Offices Serving the Western United States
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— = SUBJECT SITE BOUNDARY



SITE MAP BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723	Scale: NTS	Date: February 2018	 SITE DEVELOPMENT ENGINEERS <i>With Offices Serving the Western United States</i>
	Drawn By: KS	Approved by: KS	
	Project No. 014-18020	Figure No. 3	



7.5-MINUTE SERIES
 USGS TOPOGRAPHIC MAP
 CLOVIS, CALIFORNIA
 DATED 1964
 PHOTOREVISED 1981

GLOBAL MAP
 705 NORTH FULTON
 ROAD CLASSIFICATION
 Light-duty



TOPOGRAPHIC MAP BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723	Scale: NTS	Date: February 2018	 SITE DEVELOPMENT ENGINEERS With Offices Serving the Western United States
	Drawn By: KS	Approved by: KS	
	Project No. 014-18020	Figure No. 4	



Photo 1: Western facing view of the northern portion of the subject site from the eastern boundary.



Photo 2: Southern facing view of the central portion of the subject site from the northern boundary.



<p>BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723</p>	<p>Project No. 014-18020 Date: February 2018 Approved by: KS</p>	 <p>Krazan SITE DEVELOPMENT ENGINEERS <i>Offices Serving the Western United States</i></p>
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Photo 3: Northeastern facing view of the subject site from the southwestern corner.




Photo 4: Northwestern facing view of the subject site from the southeastern-most corner.

<p>BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723</p>	<p>Project No. 014-18020 Date: February 2018 Approved by: KS</p>	 <p>Krazan SITE DEVELOPMENT ENGINEERS <i>Offices Serving the Western United States</i></p>
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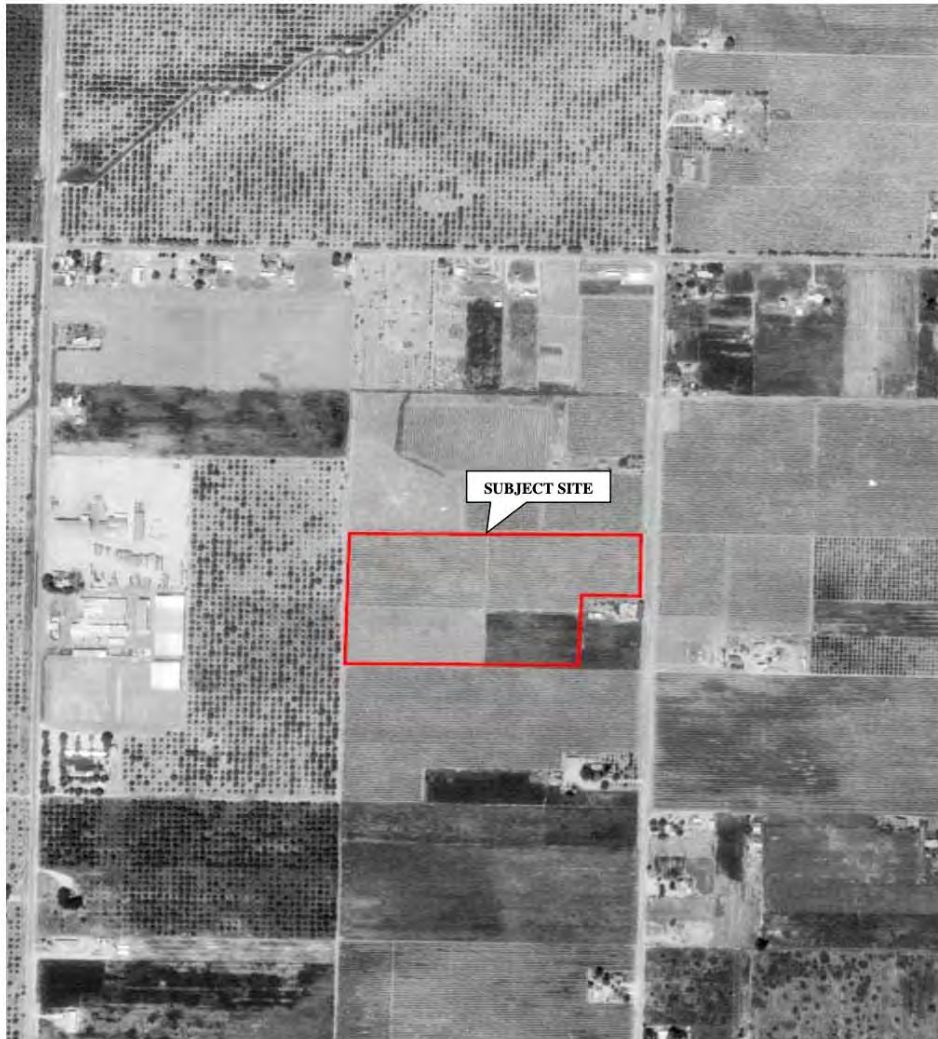
1937 AERIAL PHOTOGRAPH BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723	Scale: 1" = 680'	Date: February 2018	 Krazan SITE DEVELOPMENT ENGINEERS <i>With Offices Serving the Western United States</i>
	Drawn By: KS	Approved by: KS	
	Project No. 014-18020	Source: EDR	




1950 AERIAL PHOTOGRAPH BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723	Scale: 1" = 680'	Date: February 2018	 Krazan SITE DEVELOPMENT ENGINEERS <i>With Offices Serving the Western United States</i>
	Drawn By: KS	Approved by: KS	
	Project No. 014-18020	Source: EDR	




<p>1962 AERIAL PHOTOGRAPH</p>	<p>Scale: 1" = 680'</p>	<p>Date: February 2018</p>	 <p>SITE DEVELOPMENT ENGINEERS <i>With Offices Serving the Western United States</i></p>
<p>BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723</p>	<p>Drawn By: KS</p>	<p>Approved by: KS</p>	
	<p>Project No. 014-18020</p>	<p>Source: EDR</p>	




1973 AERIAL PHOTOGRAPH BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723	Scale: 1" = 680'	Date: February 2018	 Krazan SITE DEVELOPMENT ENGINEERS <i>With Offices Serving the Western United States</i>
	Drawn By: KS	Approved by: KS	
	Project No. 014-18020	Source: EDR	




1987 AERIAL PHOTOGRAPH BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723	Scale: 1" = 680'	Date: February 2018	 SITE DEVELOPMENT ENGINEERS <i>With Offices Serving the Western United States</i>
	Drawn By: KS	Approved by: KS	
	Project No. 014-18020	Source: EDR	




1998 AERIAL PHOTOGRAPH BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723	Scale: 1" = 500'	Date: February 2018	 SITE DEVELOPMENT ENGINEERS <i>With Offices Serving the Western United States</i>
	Drawn By: KS	Approved by: KS	
	Project No. 014-18020	Source: Google Earth	



2006 AERIAL PHOTOGRAPH BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723	Scale: 1" = 500'	Date: February 2018	 SITE DEVELOPMENT ENGINEERS With Offices Serving the Western United States
	Drawn By: KS	Approved by: KS	
	Project No. 014-18020	Source: Google Earth	



2017 AERIAL PHOTOGRAPH BOPP PROPERTY SOUTHWEST OF NORTH BRYAN AND WEST ASHLAN AVENUES FRESNO, CALIFORNIA 93723	Scale: 1" = 500'	Date: February 2018	 SITE DEVELOPMENT ENGINEERS With Offices Serving the Western United States
	Drawn By: KS	Approved by: KS	
	Project No. 014-18020	Source: Google Earth	

Bopp Property
Southwest of North Bryan and West Ashlan Avenues
Fresno, CA 93723

Inquiry Number: 5184215.3
February 09, 2018

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report		02/09/18
Site Name:	Client Name:	
Bopp Property	Krazan & Associates, Inc.	
Southwest of North Bryan and Fresno, CA 93723	215 West Dakota Clovis, CA 93612	
EDR Inquiry # 5184215.3	Contact: Ken Sani	

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Krazan & Associates, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 0055-499D-ABD6
PO # NA
Project 01418020



Sanborn® Library search results
 Certification #: 0055-499D-ABD6

UNMAPPED PROPERTY

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- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

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3/4/22, 7:27 AM

Details - ParcelQuest Statewide

Property Address:

General Information

County: **FRESNO**
Parcel # (APN): **512-050-89** [Open Map](#)
Owner: [See Full Detail](#)
Mailing Address: **1396 W HERNDON #101 FRESNO CA 93711**
Legal Description: **PAR A PM 8021 BK 70 PGS 17 & 18**
Use Type: **AGRICULTURAL**
Tax Rate Area: **062-015**



Assessment

Total Value: **\$560,000** Year Assd: **2021**
Land: **\$560,000** Zoning: [See Full Detail](#)
Structures: [See Full Detail](#) Use Code: [See Full Detail](#)
Other: [See Full Detail](#) Census Tract: [See Full Detail](#)
% Improved: [See Full Detail](#) Price/SqFt:
Exempt Amt:
HO Exempt: **N**

Sale History

	Sale 1	Sale 2	Sale 3	Transfer
Document Date:	10/18/2011	See Full Detail		See Full Detail
Document Number:	0140481	See Full Detail		See Full Detail
Document Type:	See Full Detail	See Full Detail		See Full Detail
Transfer Amount:	\$1,150,000			
Seller (Grantor):	See Full Detail			

Property Characteristics

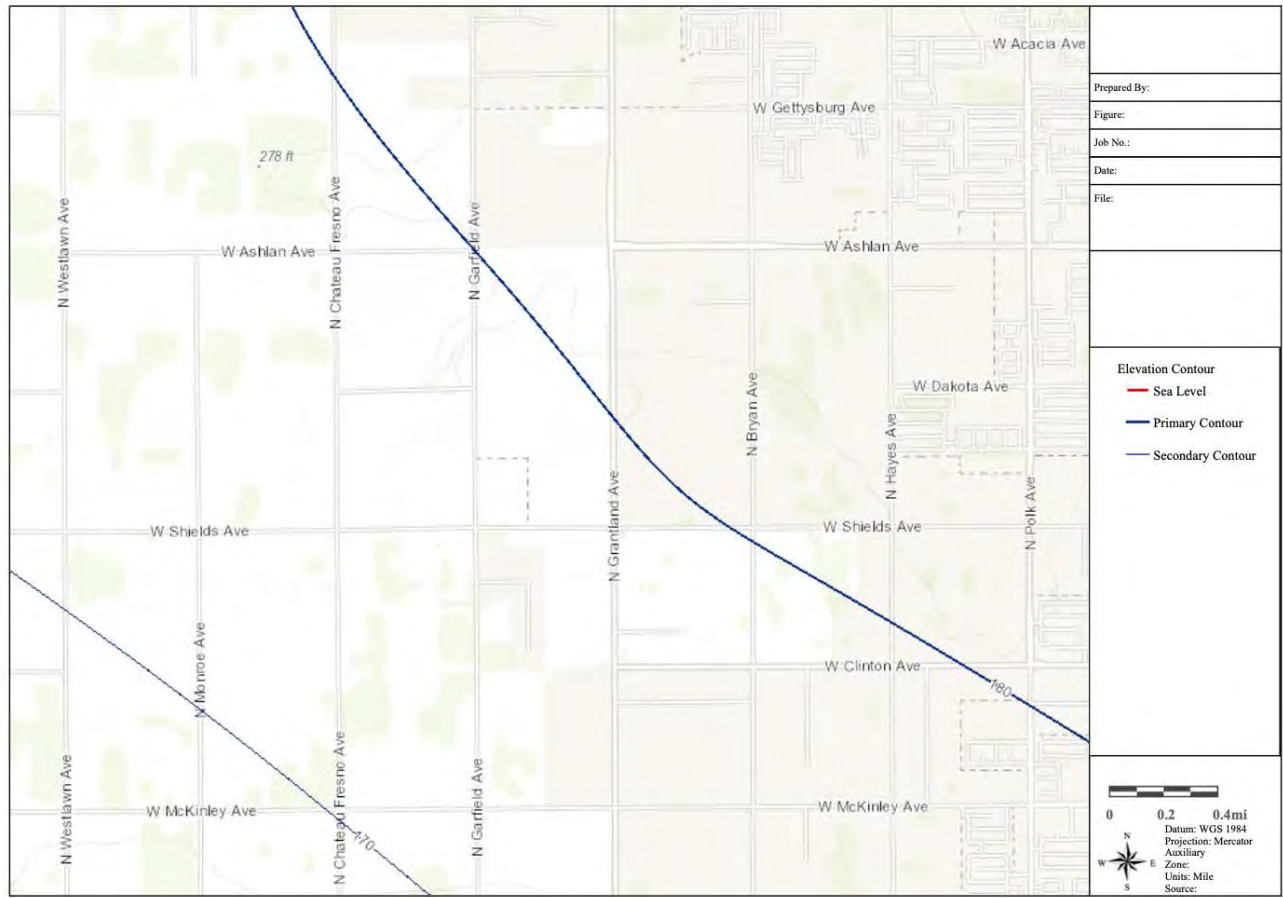
Bedrooms:	Fireplace:	Units:
Baths (Full):	A/C:	Stories:
Baths (Half):	Heating:	Quality:
Total Rooms:	Pool:	Building Class:
Bldg/Liv Area:	Park Type:	Condition:
Lot Acres: 17.540	Spaces:	Site Influence:
Lot SqFt: 764,042	Garage SqFt:	Timber Preserve:
Year Built:		Ag Preserve:
Effective Year:		

PLEASE NOTE: If a field is empty on this page, there is no data available, and the field will also be empty on the Full Detail property report.

Additional reports on this property ▶

**The information provided here is deemed reliable, but is not guaranteed.

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Map Unit Description: San Joaquin sandy loam, 0 to 3 percent slopes, MLRA 17—Eastern Fresno Area, California

Eastern Fresno Area, California

ScA—San Joaquin sandy loam, 0 to 3 percent slopes, MLRA 17

Map Unit Setting

National map unit symbol: 2vncw
Elevation: 90 to 520 feet
Mean annual precipitation: 9 to 17 inches
Mean annual air temperature: 62 to 64 degrees F
Frost-free period: 240 to 300 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

San joaquin and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of San Joaquin

Setting

Landform: Terraces, fan remnants
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Interfluvium, tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from granite

Typical profile

Ap - 0 to 9 inches: sandy loam
Bt1 - 9 to 15 inches: sandy clay loam
2Bt2 - 15 to 21 inches: clay
2Bkqm - 21 to 37 inches: cemented material
2C - 37 to 79 inches: loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches; 19 to 25 inches to duripan
Drainage class: Moderately well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Depth to water table: About 8 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Map Unit Description: San Joaquin sandy loam, 0 to 3 percent slopes, MLRA 17—Eastern Fresno Area, California

Interpretive groups

Land capability classification (irrigated): 4s
Land capability classification (nonirrigated): 4s
Hydrologic Soil Group: D
Hydric soil rating: No

Minor Components**Snelling**

Percent of map unit: 5 percent
Landform: Terraces, fan remnants
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Interfluve, tread
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Alamo

Percent of map unit: 4 percent
Landform: Terraces, fan remnants
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Interfluve, tread
Microfeatures of landform position: Open depressions, open depressions
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R017XY902CA - Duripan Vernal Pools
Hydric soil rating: No

Unnamed, hydric

Percent of map unit: 1 percent
Landform: Terraces, open depressions on fan remnants
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Interfluve, tread
Microfeatures of landform position: Open depressions
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Eastern Fresno Area, California
Survey Area Data: Version 14, Sep 3, 2021

National Flood Hazard Layer FIRMette



119°54'47"W 36°47'34"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000
 Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes, Zone X
 - Area with Flood Risk due to Levee Zone D
- OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
- GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
- OTHER FEATURES**
 - 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
 - 17.5 Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
- MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/28/2022 at 11:52 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.





U.S. Fish and Wildlife Service
National Wetlands Inventory




Bryan



March 2, 2022

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond

-  Lake
-  Other
-  Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

APPENDIX C: REGULATORY DATABASE REPORT

PARTNER



Project Property: *Bopp Property
North Bryan Avenue
FRESNO CA 93723
22-355095.7*

Project No: *22-355095.7*

Report Type: *Database Report*

Order No: *22020100871*

Requested by: *Partner Engineering and Science, Inc.*

Date Completed: *February 2, 2022*

Environmental Risk Information Services
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Executive Summary

Property Information:

Project Property: *Bopp Property
North Bryan Avenue FRESNO CA 93723*

Project No: *22-355095.7*

Coordinates:

Latitude:
Longitude:
UTM Northing: *4,075,412.89*
UTM Easting: *240,345.33*
UTM Zone: *UTM Zone 11S*

Elevation: *282 FT*

Order Information:

Order No: *22020100871*
Date Requested: *February 1, 2022*
Requested by: *Partner Engineering and Science, Inc.*
Report Type: *Database Report*

Historicals/Products:

ERIS Xplorer [ERIS Xplorer](#)
Excel Add-On *Excel Add-On*
Physical Setting Report (PSR) *Physical Setting Report (PSR)*
Vapor Screening Tool *Vapor Screening Tool*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	0	0	0	2	2
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
SWRCB SWF	Y	0.5	0	0	0	0	-	0
WMUD	Y	0.5	0	0	0	0	-	0
HWP	Y	1	0	0	0	0	0	0
SWAT	Y	0.5	0	0	0	0	-	0
C&D DEBRIS RECY	Y	0.5	0	0	0	0	-	0
RECYCLING	Y	0.5	0	0	0	0	-	0
PROCESSORS	Y	0.5	0	0	0	0	-	0
CONTAINER RECY	Y	0.5	0	0	0	0	-	0
LDS	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	0	0	0	-	0
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	0	-	-	0
UST CLOSURE	Y	0.5	0	0	0	0	-	0
HHSS	Y	0.25	0	1	1	-	-	2
UST SWEEPS	Y	0.25	0	1	1	-	-	2
AST	Y	0.25	0	0	0	-	-	0
AST SWRCB	Y	0.25	0	0	0	-	-	0
TANK OIL GAS	Y	0.25	0	0	0	-	-	0
DELISTED TNK	Y	0.25	0	0	0	-	-	0
CERS TANK	Y	0.25	0	0	1	-	-	1
DELISTED CTNK	Y	0.25	0	0	0	-	-	0
HIST TANK	Y	0.25	0	1	1	-	-	2
LUR	Y	0.5	0	0	0	0	-	0
CALSITES	Y	0.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
HLUR	Y	0.5	0	0	0	0	-	0
DEED	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
CLEANUP SITES	Y	0.5	0	0	0	0	-	0
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0
County								
CUPA FRESNO	Y	0.25	0	0	2	-	-	2
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
URANIUM	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	0	-	0
HWSS CLEANUP	Y	0.5	0	0	0	0	-	0
TOXIC PITS	Y	1	0	0	0	0	0	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	0	0
SCH	Y	1	0	0	0	0	1	1
CHMIRS	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	-	-	-	-	0
HIST MANIFEST	Y	PO	0	-	-	-	-	0
HW TRANSPORT	Y	0.125	0	0	-	-	-	0
WASTE TIRE	Y	PO	0	-	-	-	-	0
MEDICAL WASTE	Y	0.25	0	0	0	-	-	0
HIST CORTESE	Y	0.5	0	0	0	0	-	0
CDO/CAO	Y	0.5	0	0	0	0	-	0
GERS HAZ	Y	0.125	0	0	-	-	-	0
DELISTED HAZ	Y	0.5	0	0	0	0	-	0
GEOTRACKER	Y	0.125	0	0	-	-	-	0
MINE	Y	1	0	0	0	0	0	0
LIEN	Y	PO	0	-	-	-	-	0
WASTE DISCHG	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
EMISSIONS	Y	0.25	0	0	4	-	-	4
CDL	Y	0.125	0	0	-	-	-	0

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental databases were selected to be included in the search.

Total:		0	3	10	0	3	16
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* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	UST SWEEPS	GEORGE NAKAMURA	3616 N BRYAN FRESNO CA <i>C C Status: A10-000-52227 ACTIVE Tank ID: 000001, 000002</i>	E	0.01 / 42.21	-1	20
2	HHSS	GEORGE NAKAMURA	3616 N BRYAN FRESNO CA 92711	ESE	0.07 / 354.46	-1	20
2	HIST TANK	GEORGE NAKAMURA	3616 N BRYAN FRESNO CA	ESE	0.07 / 354.46	-1	20
3	EMISSIONS	LAMANUZZI PANTALEO DEHYDRATORS	3636 NORTH GRANTLAND ROAD FRESNO CA 93722	W	0.25 / 1,301.22	-1	21
4	HIST TANK	GOLDEN STATE RANCHES, INC.	3700 N. GRANTLAND AVE. FRESNO CA	W	0.25 / 1,307.56	1	21
5	CUPA FRESNO	LAMANUZZI & PANTALEO	3636 N GRANTLAND AVE FRESNO CA 93723	W	0.25 / 1,307.73	-1	21
5	CERS TANK	Lamanuzzi & Pantaleo	3636 N GRANTLAND AVE FRESNO CA 93723 <i>Site ID: 396248</i>	W	0.25 / 1,307.73	-1	22
6	EMISSIONS	LAMANUZZI - PANTALEO	3636 N GRANTLAND FRESNO CA 93722	W	0.25 / 1,308.97	1	26
6	EMISSIONS	LAMANUZZI & PANTALEO	3636 N GRANTLAND FRESNO CA 93722	W	0.25 / 1,308.97	1	27
6	EMISSIONS	LAMANUZZI & PANTALEO	3636 N GRANTLAND FRESNO CA 93723	W	0.25 / 1,308.97	1	31
7	CUPA FRESNO	N J LIDDELL	3700 N GRANTLAND AVE S OF FRESNO CA 93711	W	0.25 / 1,314.64	1	36
7	HHSS	GOLDEN STATE RANCHES INC	3700 N. GRANTLAND AVE. FRESNO CA 93711	W	0.25 / 1,314.64	1	36

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
7	UST SWEEPS	N S LIDDELL	3700 N GRANTLAND AVE FRESNO CA	W	0.25 / 1,314.64	i	36
			<i>C C I Status: 110-000-66056 INACTIVE Tank ID: 000001</i>				
8	SCH	GOLDEN STATE RANCH PROPERTY	ASHLAN AVENUE/GRANTLAND AVENUE FRESNO CA 93722	NNW	0.51 / 2,690.91	5	37
			<i>Estor/EPA ID Cleanup Status: 10010014 NO ACTION REQUIRED AS OF 2/27/2002</i>				
8	ENVIROSTOR	GOLDEN STATE RANCH PROPERTY	ASHLAN AVENUE/GRANTLAND AVENUE FRESNO CA 93722	NNW	0.51 / 2,690.91	5	37
			<i>Estor/EPA ID Cleanup Status: 10010014 NO ACTION REQUIRED AS OF 2/27/2002</i>				
9	ENVIROSTOR	WESTLAKE PROPOSED 430 ACRE DEVELOPMENT	BOUNDED BY SHIELDS, GRANTLAND, GARFIELD, AND GETTYSBURG FRESNO CA 93723	NW	0.61 / 3,239.43	0	38
			<i>Estor/EPA ID Cleanup Status: 60001966 INACTIVE - NEEDS EVALUATION AS OF 4/15/2015</i>				

Executive Summary: Summary by Data Source

Standard

State

ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Jan 6, 2022 has found that there are 2 ENVIROSTOR site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
GOLDEN STATE RANCH PROPERTY	ASHLAN AVENUE/GRANTLAND AVENUE FRESNO CA 93722 <i>Estor/EPA ID Cleanup Status: 10010014 NO ACTION REQUIRED AS OF 2/27/2002</i>	NNW	0.51 / 2,690.91	8
WESTLAKE PROPOSED 430 ACRE DEVELOPMENT	BOUNDED BY SHIELDS, GRANTLAND, GARFIELD, AND GETTYSBURG FRESNO CA 93723 <i>Estor/EPA ID Cleanup Status: 60001966 INACTIVE - NEEDS EVALUATION AS OF 4/15/2015</i>	NW	0.61 / 3,239.43	9

HHSS - Historical Hazardous Substance Storage Information Database

A search of the HHSS database, dated Aug 27, 2015 has found that there are 2 HHSS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
GOLDEN STATE RANCHES INC	3700 N. GRANTLAND AVE. FRESNO CA 93711	W	0.25 / 1,314.64	7
Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
GEORGE NAKAMURA	3616 N BRYAN FRESNO CA 92711	ESE	0.07 / 354.46	2

UST SWEEPS - Statewide Environmental Evaluation and Planning System

A search of the UST SWEEPS database, dated Oct 1, 1994 has found that there are 2 UST SWEEPS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
N S LIDDELL	3700 N GRANTLAND AVE FRESNO CA <i>C C I Status: 110-000-66056 INACTIVE Tank ID: 000001</i>	W	0.25 / 1,314.64	7

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
GEORGE NAKAMURA	3616 N BRYAN FRESNO CA	E	0.01 / 42.21	1
<i>C C I Status: A10-000-52227 ACTIVE Tank ID: 000001, 000002</i>				

CERS TANK - California Environmental Reporting System (CERS) Tanks

A search of the CERS TANK database, dated Dec 8, 2021 has found that there are 1 CERS TANK site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Lamanuzzi & Pantaleo	3636 N GRANTLAND AVE FRESNO CA 93723	W	0.25 / 1,307.73	5
<i>Site ID: 396248</i>				

HIST TANK - Historical Hazardous Substance Storage Container Information - Facility Summary

A search of the HIST TANK database, dated May 27, 1988 has found that there are 2 HIST TANK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
GOLDEN STATE RANCHES, INC.	3700 N. GRANTLAND AVE. FRESNO CA	W	0.25 / 1,307.56	4

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
GEORGE NAKAMURA	3616 N BRYAN FRESNO CA	ESE	0.07 / 354.46	2

County

CUPA FRESNO - Fresno County - CUPA/Solid Waste Programs Resource List

A search of the CUPA FRESNO database, dated Apr 9, 2021 has found that there are 2 CUPA FRESNO site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
N J LIDDELL	3700 N GRANTLAND AVE S OF FRESNO CA 93711	W	0.25 / 1,314.64	7

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
LAMANUZZI & PANTALEO	3636 N GRANTLAND AVE FRESNO CA 93723	W	0.25 / 1,307.73	5

Non Standard

State

SCH - School Property Evaluation Program Sites

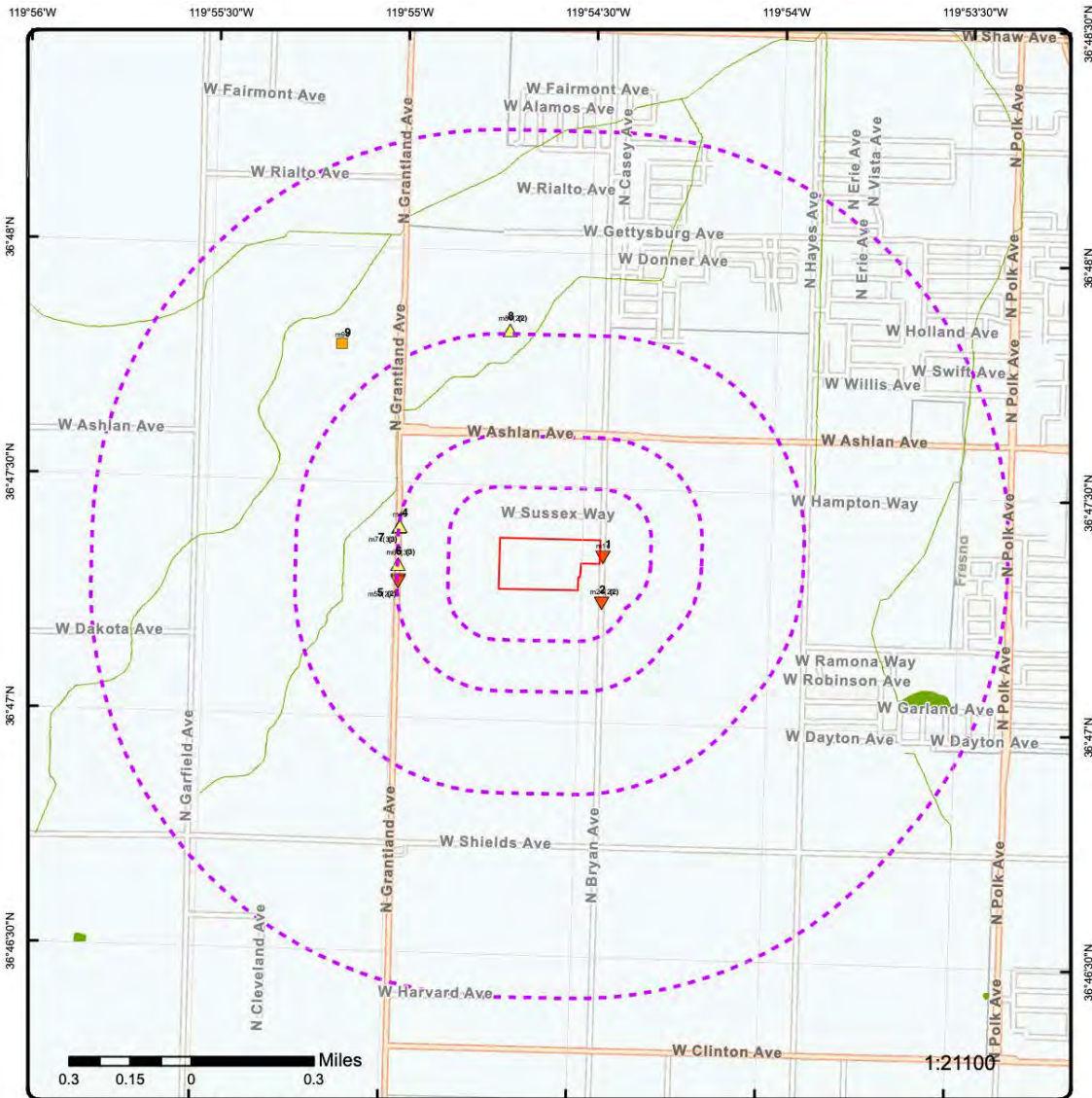
A search of the SCH database, dated Jan 6, 2022 has found that there are 1 SCH site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
GOLDEN STATE RANCH PROPERTY	ASHLAN AVENUE/GRANTLAND AVENUE FRESNO CA 93722 <i>Estor/EPA ID Cleanup Status: 10010014 NO ACTION REQUIRED AS OF 2/27/2002</i>	NNW	0.51 / 2,690.91	8

EMISSIONS - Toxic Pollutant Emissions Facilities

A search of the EMISSIONS database, dated Dec 31, 2019 has found that there are 4 EMISSIONS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
LAMANUZZI & PANTALEO	3636 N GRANTLAND FRESNO CA 93723	W	0.25 / 1,308.97	6
LAMANUZZI & PANTALEO	3636 N GRANTLAND FRESNO CA 93722	W	0.25 / 1,308.97	6
LAMANUZZI - PANTALEO	3636 N GRANTLAND FRESNO CA 93722	W	0.25 / 1,308.97	6
Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
LAMANUZZI PANTALEO DEHYDRATORS	3636 NORTH GRANTLAND ROAD FRESNO CA 93722	W	0.25 / 1,301.22	3



Map: 1.0 Mile Radius

Order Number: 22020100871

Address: North Bryan Avenue, FRESNO, CA



- | | | | |
|-----------------------------------|------------------------|------------------------------|-------------------------------|
| Project Property | Buffer Outline | State | FWS Special Designation Areas |
| Eris Sites with Higher Elevation | Freeways; Highways | Country | Plume |
| Eris Sites with Same Elevation | Traffic Circle; Ramp | National Priority List Sites | |
| Eris Sites with Lower Elevation | Major & Minor Arterial | National Wetland | |
| Eris Sites with Unknown Elevation | Traffic Circle; Ramp | Indian Reserve Land | |
| Eris Areas with Higher Elevation | Local Road | Historic Fill | |
| Eris Areas with Same Elevation | Rail | 100 Year Flood Zone | |
| Eris Areas with Lower Elevation | | 500 Year Flood Zone | |
| Eris Areas with Unknown Elevation | | | |

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Map: 0.5 Mile Radius

Order Number: 22020100871

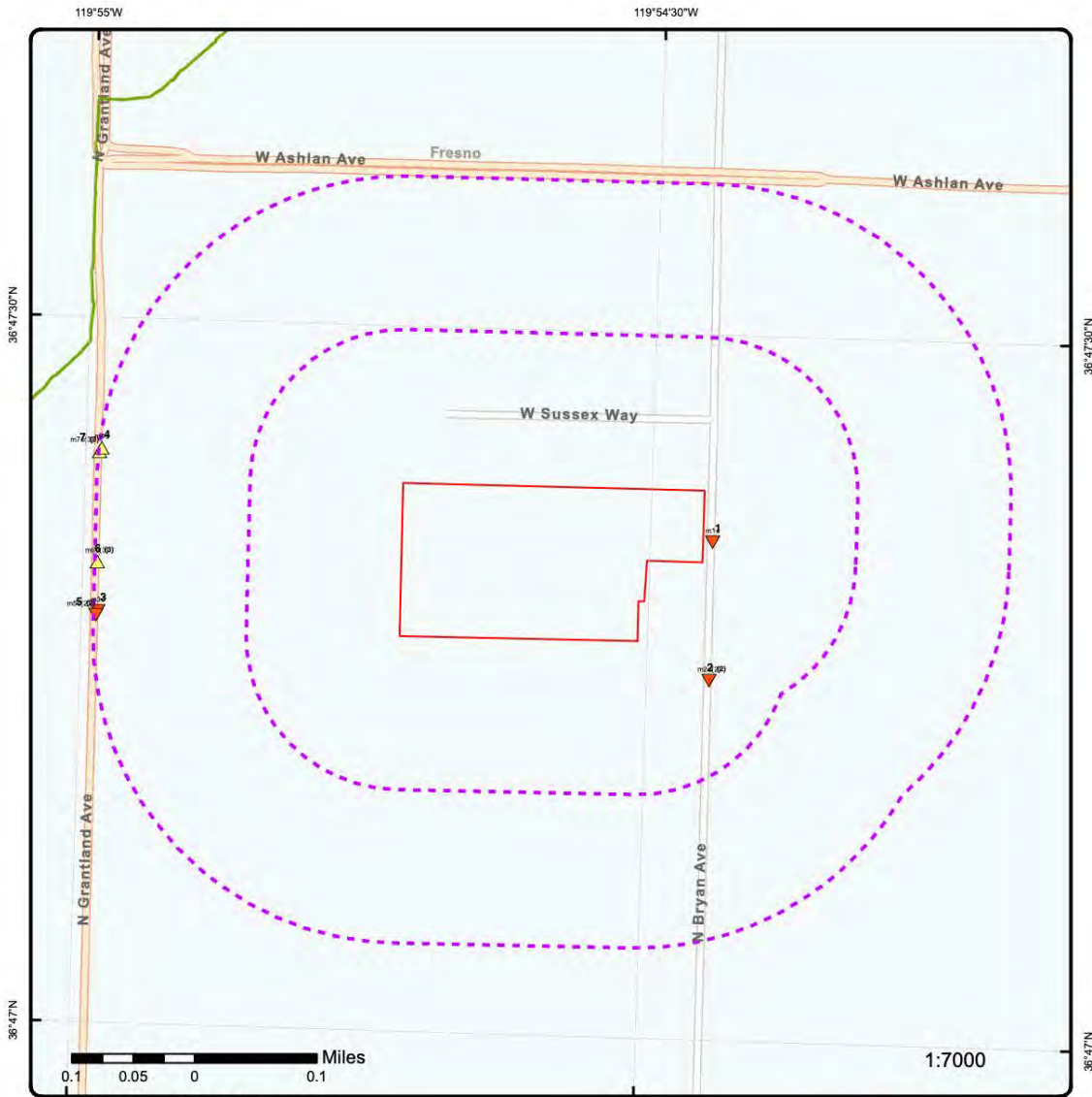
Address: North Bryan Avenue, FRESNO, CA



- | | | | | |
|-----------------------------------|------------------------|------------------------------|-------|-------------------------------|
| Project Property | Buffer Outline | Freeways; Highways | State | FWS Special Designation Areas |
| Eris Sites with Higher Elevation | Traffic Circle; Ramp | Country | Plume | |
| Eris Sites with Same Elevation | Major & Minor Arterial | National Priority List Sites | | |
| Eris Sites with Lower Elevation | Traffic Circle; Ramp | National Wetland | | |
| Eris Sites with Unknown Elevation | Local Road | Indian Reserve Land | | |
| Eris Areas with Higher Elevation | Rail | Historic Fill | | |
| Eris Areas with Same Elevation | | 100 Year Flood Zone | | |
| Eris Areas with Lower Elevation | | 500 Year Flood Zone | | |
| Eris Areas with Unknown Elevation | | | | |

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Map: 0.25 Mile Radius

Order Number: 22020100871

Address: North Bryan Avenue, FRESNO, CA



- | | | | | |
|-----------------------------------|------------------------|------------------------------|-------|-------------------------------|
| Project Property | Buffer Outline | Freeways; Highways | State | FWS Special Designation Areas |
| Eris Sites with Higher Elevation | Traffic Circle; Ramp | Country | Plume | |
| Eris Sites with Same Elevation | Major & Minor Arterial | National Priority List Sites | | |
| Eris Sites with Lower Elevation | Traffic Circle; Ramp | National Wetland | | |
| Eris Sites with Unknown Elevation | Local Road | Indian Reserve Land | | |
| Eris Areas with Higher Elevation | Rail | Historic Fill | | |
| Eris Areas with Same Elevation | | 100 Year Flood Zone | | |
| Eris Areas with Lower Elevation | | 500 Year Flood Zone | | |
| Eris Areas with Unknown Elevation | | | | |

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Aerial Year: 2021

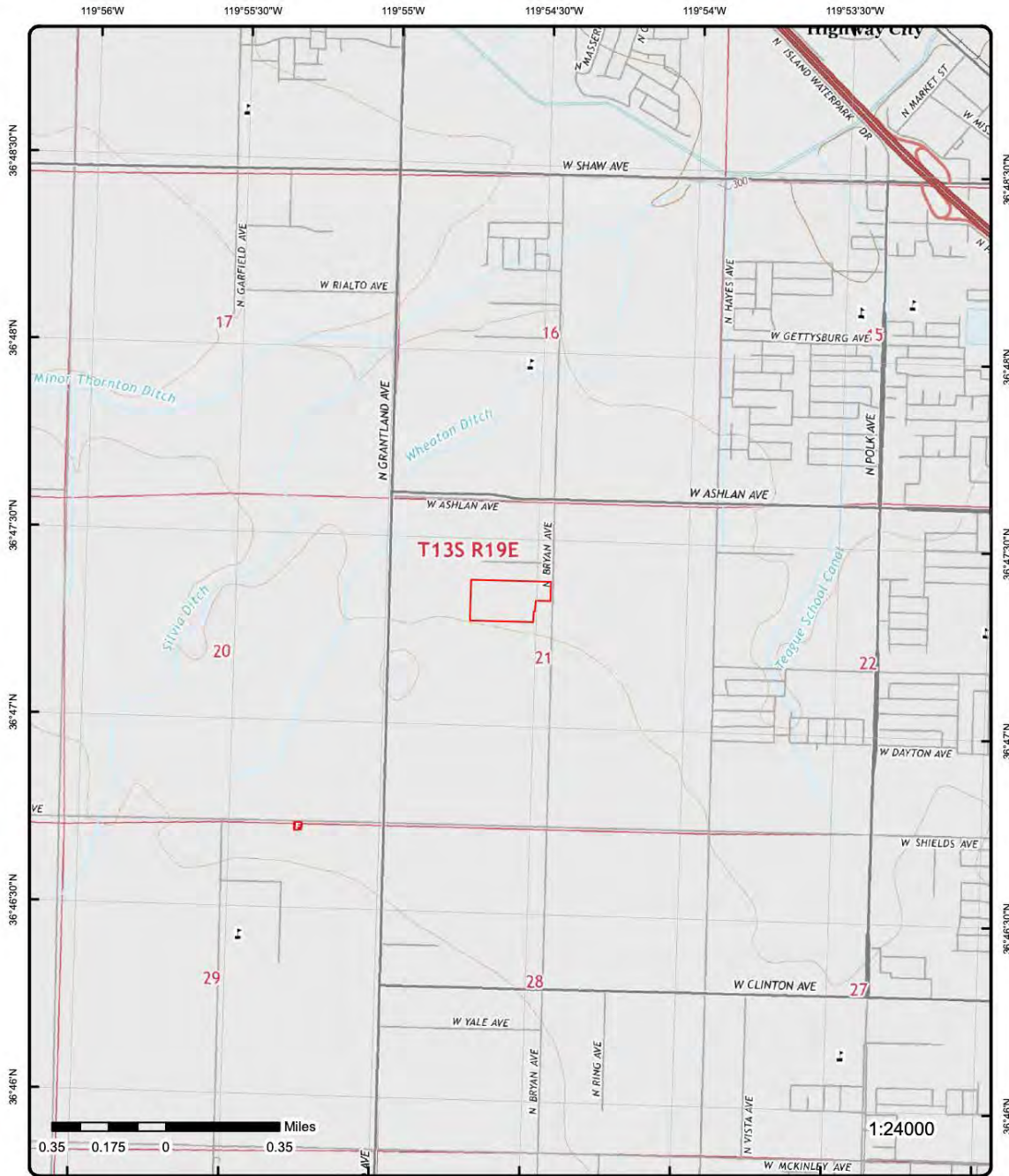
Address: North Bryan Avenue, FRESNO, CA

Source: ESRI World Imagery

Order Number: 22020100871



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Topographic Map Year: 2015

Order Number: 22020100871

Address: North Bryan Avenue, CA



Quadrangle(s): Fresno North, CA; Herndon, CA

© ERIS Information Inc.

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	1 of 1	E	0.01 / 42.21	281.10 / -1	GEORGE NAKAMURA 3616 N BRYAN FRESNO CA	UST SWEEPS

C C:	A10-000-52227	D Filename:	SITE09A
BOE:		Page No:	119
Comp:	52227	County:	FRESNO
Status:	ACTIVE	State :	CA
No of Tanks:	2	Zip:	92711
Jurisdic:	FRESNO COUNTY	Latitude:	36.787655
Agency:	ENVIRONMENTAL HEALTH	Longitude:	-119.907294
Phone:		Geosult:	S5HPN-SC-A

Tank Details

Tank ID:	000001	S Contain:	
O Tank ID:	1	Stg:	P
SWRCB No:	10-000-052227-000001	Storage :	
Removed:		Storag Type:	PRODUCT
Installed:		P Contain:	
A Date:	07-01-85	Content:	REG UNLEADED
Capac:	1000	ONA:	
Tank Use:	M.V. FUEL	D File Name:	TANK9A

Tank Details

Tank ID:	000002	S Contain:	
O Tank ID:	2	Stg:	P
SWRCB No:	10-000-052227-000002	Storage :	
Removed:		Storag Type:	PRODUCT
Installed:		P Contain:	
A Date:	07-01-85	Content:	LEADED
Capac:	2000	ONA:	
Tank Use:	M.V. FUEL	D File Name:	TANK9A

<u>2</u>	1 of 2	ESE	0.07 / 354.46	280.19 / -1	GEORGE NAKAMURA 3616 N BRYAN FRESNO CA 92711	HHSS
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County:
Tank Details Microfiche: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002425c.pdf>

<u>2</u>	2 of 2	ESE	0.07 / 354.46	280.19 / -1	GEORGE NAKAMURA 3616 N BRYAN FRESNO CA	HIST TANK
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Owner Name:	GEORGE NAKAMURA	No of Containers:	2
Owner Street:	3616 N BRYAN	County:	FRESNO
Owner City:	FRESNO	Facility State:	CA
Owner State:	CA	Facility Zip:	92711
Owner Zip:	92711		

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
<u>3</u>	1 of 1	W	0.25 / 1,301.22	280.82 / -1	LAMANUZZI PANTALEO DEHYDRATORS 3636 NORTH GRANTLAND ROAD FRESNO CA 93722	EMISSIONS

1993 Criteria Data

Facility ID:	411	CERR Code:	
Facility SIC Code:	172	TOGT:	0
CO:	10	ROGT:	0
Air Basin:	SJV	COT:	0
District:	SJU	NOXT:	.1
COID:	FRE	SOXT:	0
DISN:	SAN JOAQUIN VALLEY APCD	PMT:	0
CHAPIS:		PM10T:	0

1993 Toxic Data

Facility ID:	411	COID:	FRE
Facility SIC Code:	172	DISN:	SAN JOAQUIN VALLEY APCD
CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
District:	SJU		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

<u>4</u>	1 of 1	W	0.25 / 1,307.56	282.42 / 1	GOLDEN STATE RANCHES, INC. 3700 N. GRANTLAND AVE. FRESNO CA	HIST TANK
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Owner Name:	GOLDEN STATE RANCHES, IINC.	No of Containers:	1
Owner Street:	3700 N. GRANTLAND AVE.	County:	FRESNO
Owner City:	FRESNO	Facility State:	CA
Owner State:	CA	Facility Zip:	93711
Owner Zip:	93711		

<u>5</u>	1 of 2	W	0.25 / 1,307.73	280.58 / -1	LAMANUZZI & PANTALEO 3636 N GRANTLAND AVE FRESNO CA 93723	CUPA FRESNO
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Facility ID:	FA0169380	Zip:	93723
CERS ID:	10413358	GIS Longitude:	-119.914035336
SWIS No:		GIS Latitude:	36.7880914744
APN:	51205059	Cross Street:	ASHLAN

Detail(s)

Program Element:	HAZARDOUS WASTE GENERATOR (CESQG)
Program Identifier:	
Program Element:	LARGE HAZARDOUS MATERIALS HANDLER
Program Identifier:	
Program Element:	INDUSTRIAL WASTE DISCHARGER
Program Identifier:	
Program Element:	AST STORAGE CAPACITY 10,000 TO 99,999 GAL
Program Identifier:	
Program Element:	CALARP PROCESS - PROGRAM LEVEL 2

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
Program Identifier:		CALARP PROGRAM LEVEL 2				

<u>5</u>	2 of 2	W	0.25 / 1,307.73	280.58 / -1	Lamanuzzi & Pantaleo 3636 N GRANTLAND AVE FRESNO CA 93723	CERS TANK
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Site ID: 396248 Latitude: 36.788300
 Longitude: -119.915900

Regulated Programs

EI ID: 10413358
EI Description: Chemical Storage Facilities
EI ID: 10413358
EI Description: Aboveground Petroleum Storage
EI ID: 10413358
EI Description: Hazardous Waste Generator

Violations

Violation Date: 07/13/2017 **Violation Source:** CERS
Violation Program: APSA **Violation Division:** Fresno County Department of Public Health
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Notes:

Returned to compliance on 08/12/2017. Two AGTs are empty and not properly closed.

Violation Description:

APSA Program - Operations/Maintenance - General

Violations

Violation Date: 07/13/2017 **Violation Source:** CERS
Violation Program: APSA **Violation Division:** Fresno County Department of Public Health
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Notes:

Returned to compliance on 08/12/2017. No PE certification.

Violation Description:

Failure to have a licensed professional engineer properly review and certify the SPCC Plan.

Violations

Violation Date: 07/13/2017 **Violation Source:** CERS
Violation Program: APSA **Violation Division:** Fresno County Department of Public Health
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Notes:

Returned to compliance on 08/12/2017. SPCC plan does not include procedures for inspections and tests.

Violation Description:

Failure to comply with one or more of the following requirements:

1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector.
2. Keep written procedures and records of inspections and integrity tests for at least three years.

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
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3. Keep comparison records.

Violations

Violation Date: 08/12/2015
Violation Program: APSA
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Source: CERS
Violation Division: Fresno County Department of Public Health

Violation Notes:
 Returned to compliance on 08/12/2015. No SPCC

Violation Description:

Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan .

Violations

Violation Date: 07/13/2017
Violation Program: APSA
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Source: CERS
Violation Division: Fresno County Department of Public Health

Violation Notes:
 Returned to compliance on 08/12/2017. SPCC not reviewed every 5 years.

Violation Description:

Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.

Evaluations

Eval Date: 07/13/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Eval Notes:
 HMBP insp; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/12/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Eval Notes:
 bp insp; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/13/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Fresno County Department of Public Health
Eval Program: CalARP
Eval Source: CERS

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
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RMP inspection. DO NOT BILL FOR THIS TIME; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/18/2013
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Attend EPA RMP inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/13/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Hazardous waste inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/12/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Haz waste insp; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/12/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Fresno County Department of Public Health
Eval Program: CalARP
Eval Source: CERS
Eval Notes:

RMP inspection; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/12/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Fresno County Department of Public Health
Eval Program: APSA
Eval Source: CERS
Eval Notes:

SPCC inspection. Note that facility could not find the SPCC during the inspection but was able to contact their consultant and have a copy emailed to them. The consultant also email a copy for FCEH.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/20/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
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Eval Source: CERS
Eval Notes:

BP insp; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/20/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Haz-waste inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/13/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Fresno County Department of Public Health
Eval Program: APSA
Eval Source: CERS
Eval Notes:

SPCC inspection; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Parent Corporation
Entity Name: Lamanuzzi & Pantaleo
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: Gino Lamanuzzi
Entity Title:
Address: 7309 N. Cecelia Avenue
City: Fresno
State: CA
Country: United States
Zip Code: 93723
Phone: (559) 675-1723

Affil Type Desc: Environmental Contact
Entity Name: Gina Lamanuzzi
Entity Title:
Address: 7309 North Cecelia Avenue
City: Fresno
State: CA
Country:
Zip Code: 93723
Phone:

Affil Type Desc: Identification Signer
Entity Name: rebekka haas
Entity Title: consultant
Address:
City:
State:

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
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Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: Gino Lamanuzzi
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (559) 675-1723

Affil Type Desc: Document Preparer
Entity Name: CSTC
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: Fresno County Community Health Department
Entity Title:
Address: 1221 Fulton St., 3rd Floor P.O. Box 11867
City: Fresno
State: CA
Country:
Zip Code: 93775
Phone: (559) 600-3271

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 7309 N. Cecelia Avenue
City: Fresno
State: CA
Country:
Zip Code: 93723
Phone:

Coordinates

Env Int Type Code: APSA
Program ID: 10413358
Latitude: 36.788160
Longitude: -119.914070
Coord Name:
Ref Point Type Desc: Unknown

6	1 of 3	W	0.25 / 1,308.97	282.43 / 1	LAMANUZZI - PANTALEO 3636 N GRANTLAND FRESNO CA 93722	EMISSIONS
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1995 Criteria Data

Facility ID: 755	CERR Code:
Facility SIC Code: 2034	TOGT: .1
CO: 10	ROGT: .04223
Air Basin: SJV	COT: .2
District: SJU	NOXT: 1
COID: FRE	SOXT: 18.7
DISN: SAN JOAQUIN VALLEY APCD	PMT: 0
CHAPIS:	PM10T: 0

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
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1995 Toxic Data

Facility ID:	755	COID:	FRE
Facility SIC Code:	2034	DISN:	SAN JOAQUIN VALLEY APCD
CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
District:	SJU		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

6	2 of 3	W	0.25 / 1,308.97	282.43 / 1	LAMANUZZI & PANTALEO 3636 N GRANTLAND FRESNO CA 93722	EMISSIONS
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1996 Criteria Data

Facility ID:	755	CERR Code:	
Facility SIC Code:	2034	TOGT:	.07490967
CO:	10	ROGT:	0
Air Basin:	SJV	COT:	.282678
District:	SJU	NOXT:	1.41339
COID:	FRE	SOXT:	.00848034
DISN:	SAN JOAQUIN VALLEY APCD	PMT:	.0424017
CHAPIS:		PM10T:	.0424017

1996 Toxic Data

Facility ID:	755	COID:	FRE
Facility SIC Code:	2034	DISN:	SAN JOAQUIN VALLEY APCD
CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
District:	SJU		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1997 Criteria Data

Facility ID:	755	CERR Code:	
Facility SIC Code:	2034	TOGT:	.07490967
CO:	10	ROGT:	0
Air Basin:	SJV	COT:	.282678
District:	SJU	NOXT:	1.41339
COID:	FRE	SOXT:	.00848034
DISN:	SAN JOAQUIN VALLEY APCD	PMT:	.0424017
CHAPIS:		PM10T:	.0424017

1997 Toxic Data

Facility ID:	755	COID:	FRE
Facility SIC Code:	2034	DISN:	SAN JOAQUIN VALLEY APCD
CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
District:	SJU		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
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1998 Criteria Data

Facility ID:	755	CERR Code:	
Facility SIC Code:	2034	TOGT:	.07
CO:	10	ROGT:	.0273
Air Basin:	SJV	COT:	.28
District:	SJU	NOXT:	1.41
COID:	FRE	SOXT:	.00848
DISN:	SAN JOAQUIN VALLEY APCD	PMT:	.04
CHAPIS:		PM10T:	.0156

1998 Toxic Data

Facility ID:	755	COID:	FRE
Facility SIC Code:	2034	DISN:	SAN JOAQUIN VALLEY APCD
CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
District:	SJU		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1999 Criteria Data

Facility ID:	755	CERR Code:	
Facility SIC Code:	2034	TOGT:	.07
CO:	10	ROGT:	.0273
Air Basin:	SJV	COT:	.28
District:	SJU	NOXT:	1.41
COID:	FRE	SOXT:	.00848
DISN:	SAN JOAQUIN VALLEY APCD	PMT:	.04
CHAPIS:		PM10T:	.0156

1999 Toxic Data

Facility ID:	755	COID:	FRE
Facility SIC Code:	2034	DISN:	SAN JOAQUIN VALLEY APCD
CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
District:	SJU		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	755	CERR Code:	
Facility SIC Code:	2034	TOGT:	.05
CO:	10	ROGT:	.019
Air Basin:	SJV	COT:	.2
District:	SJU	NOXT:	1.03
COID:	FRE	SOXT:	35.10618
DISN:	SAN JOAQUIN VALLEY APCD	PMT:	.03
CHAPIS:		PM10T:	.0114

2000 Toxic Data

Facility ID:	755	COID:	FRE
Facility SIC Code:	2034	DISN:	SAN JOAQUIN VALLEY APCD

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
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CO: 10
 Air Basin: SJV
 District: SJU
 TS:
 Health Risk Asmt:
 Non-Cancer Chronic Haz Ind:
 Non-Cancer Acute Haz Ind:

CHAPIS:
 CERR Code:

2001 Criteria Data

Facility ID: 755
 Facility SIC Code: 2034
 CO: 10
 Air Basin: SJV
 District: SJU
 COID: FRE
 DISN: SAN JOAQUIN VALLEY APCD
 CHAPIS:

CERR Code:
 TOGT: .14
 ROGT: .05
 COT: .53
 NOXT: 2.68
 SOXT: .08
 PMT: .08
 PM10T: .03

2001 Toxic Data

Facility ID: 755
 Facility SIC Code: 2034
 CO: 10
 Air Basin: SJV
 District: SJU
 TS:
 Health Risk Asmt:
 Non-Cancer Chronic Haz Ind:
 Non-Cancer Acute Haz Ind:

COID: FRE
 DISN: SAN JOAQUIN VALLEY APCD
 CHAPIS:
 CERR Code:

2002 Criteria Data

Facility ID: 755
 Facility SIC Code: 2034
 CO: 10
 Air Basin: SJV
 District: SJU
 COID: FRE
 DISN: SAN JOAQUIN VALLEY APCD
 CHAPIS:

CERR Code:
 TOGT: .03
 ROGT: .012666
 COT: .13
 NOXT: .68
 SOXT: .01408
 PMT: .02
 PM10T: .019

2002 Toxic Data

Facility ID: 755
 Facility SIC Code: 2034
 CO: 10
 Air Basin: SJV
 District: SJU
 TS:
 Health Risk Asmt:
 Non-Cancer Chronic Haz Ind:
 Non-Cancer Acute Haz Ind:

COID: FRE
 DISN: SAN JOAQUIN VALLEY APCD
 CHAPIS:
 CERR Code:

2004 Criteria Data

Facility ID: 755
 Facility SIC Code: 2034
 CO: 10
 Air Basin: SJV
 District: SJU
 COID: FRE
 DISN: SAN JOAQUIN VALLEY APCD

CERR Code:
 TOGT: 0
 ROGT: 0
 COT: 0
 NOXT: 0
 SOXT: 0
 PMT: 0

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
CHAPIS:				PM10T:		0
2004 Toxic Data						
Facility ID:	755			COID:	FRE	
Facility SIC Code:	2034			DISN:	SAN JOAQUIN VALLEY APCD	
CO:	10			CHAPIS:		
Air Basin:	SJV			CERR Code:		
District:	SJU					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						
2005 Criteria Data						
Facility ID:	755			CERR Code:		
Facility SIC Code:	2034			TOGT:		
						19545061562310918995736617716721932733
						3
CO:	10			ROGT:		.0825192499160767
Air Basin:	SJV			COT:		1.26029399871826
District:	SJU			NOXT:		1.50034999847412
COID:	FRE			SOXT:		.00427599749565125
DISN:	SAN JOAQUIN VALLEY APCD			PMT:		22206881620446008592910848549946294307
						2
CHAPIS:				PM10T:		.164026599884033
2005 Toxic Data						
Facility ID:	755			COID:	FRE	
Facility SIC Code:	2034			DISN:	SAN JOAQUIN VALLEY APCD	
CO:	10			CHAPIS:		
Air Basin:	SJV			CERR Code:		
District:	SJU					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						
2006 Criteria Data						
Facility ID:	755			CERR Code:		
Facility SIC Code:	2034			TOGT:		
						00763382316200386072951207958313595452
						3922
CO:	10			ROGT:		.00322300013899803
Air Basin:	SJV			COT:		.049224002122879
District:	SJU			NOXT:		.0586000025272369
COID:	FRE			SOXT:		.000167010007202625
DISN:	SAN JOAQUIN VALLEY APCD			PMT:		00468800020217895789473684210526315789
						4737
CHAPIS:				PM10T:		.00445360019207001
2006 Toxic Data						
Facility ID:	755			COID:	FRE	
Facility SIC Code:	2034			DISN:	SAN JOAQUIN VALLEY APCD	
CO:	10			CHAPIS:		
Air Basin:	SJV			CERR Code:		
District:	SJU					

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
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TS:
 Health Risk Asmt:
 Non-Cancer Chronic Haz Ind:
 Non-Cancer Acute Haz Ind:

2007 Criteria Data

Facility ID:	755	CERR Code:	
Facility SIC Code:	2034	TOGT:	007633823162003860729512079583135954523922
CO:	10	ROGT:	.00322300013899803
Air Basin:	SJV	COT:	.049224002122879
District:	SJU	NOXT:	.058600025272369
COID:	FRE	SOXT:	.000167010007202625
DISN:	SAN JOAQUIN VALLEY APCD	PMT:	004688000202178957894736842105263157894737
CHAPIS:		PM10T:	.00445360019207001

2007 Toxic Data

Facility ID:	755	COID:	FRE
Facility SIC Code:	2034	DISN:	SAN JOAQUIN VALLEY APCD
CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
District:	SJU		

TS:
 Health Risk Asmt:
 Non-Cancer Chronic Haz Ind:
 Non-Cancer Acute Haz Ind:

2008 Criteria Data

Facility ID:	755	CERR Code:	
Facility SIC Code:	2034	TOGT:	2507176731277664613927048792041686404548
CO:	10	ROGT:	.105853001594543
Air Basin:	SJV	COT:	1.61666402435303
District:	SJU	NOXT:	1.9246000289917
COID:	FRE	SOXT:	4.59148489777087634
DISN:	SAN JOAQUIN VALLEY APCD	PMT:	5071516757887235445757250268528464017186
CHAPIS:		PM10T:	.319329602203369

2008 Toxic Data

Facility ID:	755	COID:	FRE
Facility SIC Code:	2034	DISN:	SAN JOAQUIN VALLEY APCD
CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
District:	SJU		

TS:
 Health Risk Asmt:
 Non-Cancer Chronic Haz Ind:
 Non-Cancer Acute Haz Ind:

6	3 of 3	W	0.25 / 1,308.97	282.43 / 1	LAMANUZZI & PANTALEO 3636 N GRANTLAND FRESNO CA 93723	EMISSIONS
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Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
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2009 Criteria Data

Facility ID:	755	CERR Code:	
Facility SIC Code:	2034	TOGT:	.2223963287982370914258645191852202747513
CO:	10	ROGT:	.0938957300186157
Air Basin:	SJV	COT:	1.43404387664795
District:	SJU	NOXT:	1.70719509124756
COID:	FRE	SOXT:	1.20486543448448554
DISN:	SAN JOAQUIN VALLEY APCD	PMT:	.2801273314377352450090744101633393829401
CHAPIS:		PM10T:	.171376826934814

2009 Toxic Data

Facility ID:	755	COID:	FRE
Facility SIC Code:	2034	DISN:	SAN JOAQUIN VALLEY APCD
CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
District:	SJU		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	755	COID:	FRE
Facility SIC Code:	2034	DISN:	SAN JOAQUIN VALLEY APCD
CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
District:	SJU		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	755	CERR Code:	
Facility SIC Code:	2034	TOGT:	.00031032923111371861676930364756039791568
CO:	10	ROGT:	.000131021001376212
Air Basin:	SJV	COT:	.00200104802101851
District:	SJU	NOXT:	.00238220002502203
COID:	FRE	SOXT:	6.60000639587941131278
DISN:	SAN JOAQUIN VALLEY APCD	PMT:	.220259541519243141415607985480943738657
CHAPIS:		PM10T:	.064001047201901674

2011 Toxic Data

Facility ID:	755	COID:	FRE
Facility SIC Code:	2034	DISN:	SAN JOAQUIN VALLEY APCD
CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
District:	SJU		
TS:			
Health Risk Asmt:			

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
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Non-Cancer Chronic Haz Ind:
 Non-Cancer Acute Haz Ind:

2012 Criteria Data

Facility ID:	755	CERR Code:	
Facility SIC Code:	2034	TOGT:	.2421543667069090478446234012316437707248
CO:	10	ROGT:	.102237573623657
Air Basin:	SJV	COT:	1.56144657897949
District:	SJU	NOXT:	1.85886497497559
COID:	FRE	SOXT:	3.80529753868103042
DISN:	SAN JOAQUIN VALLEY APCD	PMT:	.5426747152394266787658802177858439201452
CHAPIS:		PM10T:	.255523738098145

2012 Toxic Data

Facility ID:	755	COID:	FRE
Facility SIC Code:	2034	DISN:	SAN JOAQUIN VALLEY APCD
CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
District:	SJU		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	755	CERR Code:	
Facility SIC Code:	2034	TOGT:	.232358122727272727272727272727272727
CO:	10	ROGT:	.102237574
Air Basin:	SJV	COT:	1.561446579
District:	SJU	NOXT:	1.858864975
COID:	FRE	SOXT:	3.805299774
DISN:	SAN JOAQUIN VALLEY APCD	PMT:	.5426747151361161524500907441016333938294
CHAPIS:		PM10T:	.255523738

2013 Toxic Data

Facility ID:	755	COID:	FRE
Facility SIC Code:	2034	DISN:	SAN JOAQUIN VALLEY APCD
CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
District:	SJU		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	755	CERR Code:	
Facility SIC Code:	2034	TOGT:	.39625000953674318181818181818181818182
CO:	10	ROGT:	.174350004196167

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
COID:	FRE				AH Index:	
CO:	10				Air Basin:	SJV
DISN:	SAN JOAQUIN VALLEY APCD				District:	SJU
CHAPIS:						

2017 Criteria Data

Facility ID:	755			CERR Code:	
Facility SIC Code:	2034			TOGT:	0
CO:	10			ROGT:	0
Air Basin:	SJV			COT:	0
District:	SJU			NOXT:	0
COID:	FRE			SOXT:	0
DISN:	SAN JOAQUIN VALLEY APCD			PMT:	0
CHAPIS:				PM10T:	0

2017 Toxic Data

Facility ID:	755			COID:	FRE
Facility SIC Code:	2034			DISN:	SAN JOAQUIN VALLEY APCD
CO:	10			CHAPIS:	
Air Basin:	SJV			CERR Code:	
District:	SJU				
TS:					
Health Risk Asmt:					
Non-Cancer Chronic Haz Ind:					
Non-Cancer Acute Haz Ind:					

2018 Criteria Data

Facility ID:	755			CERR Code:	
Facility SIC Code:	2034			TOGT:	0
CO:	10			ROGT:	0
Air Basin:	SJV			COT:	0
District:	SJU			NOXT:	0
COID:	FRE			SOXT:	0
DISN:	SAN JOAQUIN VALLEY APCD			PMT:	0
CHAPIS:				PM10T:	0

2018 Toxic Data

Facility ID:	755			COID:	FRE
Facility SIC Code:	2034			DISN:	SAN JOAQUIN VALLEY APCD
CO:	10			CHAPIS:	
Air Basin:	SJV			CERR Code:	
District:	SJU				
TS:					
Health Risk Asmt:					
Non-Cancer Chronic Haz Ind:					
Non-Cancer Acute Haz Ind:					

2019 Criteria Data

CO:	10			CHAPIS:	
Air Basin:	SJV			CERR Code:	
Facility ID:	755			ROGT:	0
District:	SJU			COT:	0
Facility SIC Code:	2034			NOXT:	0
CO ID:	FRE			SOXT:	0
DISN:	SAN JOAQUIN VALLEY APCD				
PM10T:	0				
TOGT:	0				
PMT:	0				

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
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2019 Toxic Data

CO:	10	CHAPIS:	
Air Basin:	SJV	CERR Code:	
Facility ID:	755	TS:	
District:	SJU	Health Risk Asmt:	
Facility SIC Code:	2034	NonCncrChrnHazInd	
		:	
COID:	FRE	NonCncrActeHazInd:	
DISN:	SAN JOAQUIN VALLEY APCD		

<u>7</u>	1 of 3	W	0.25 / 1,314.64	282.42 / 1	N J LIDDELL 3700 N GRANTLAND AVE S OF FRESNO CA 93711	CUPA FRESNO
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Facility ID:	FA0268248	Zip:	93711
CERS ID:	10700440	GIS Longitude:	-119.91406471
SWIS No:		GIS Latitude:	36.7898259337
APN:	51205056	Cross Street:	ASHLAN

Detail(s)

Program Element:	UST REMOVAL/CLOSURE W/1 TANK
Program Identifier:	
Program Element:	HAZARDOUS MATERIALS HANDLER FARM EXEMPTION
Program Identifier:	

<u>7</u>	2 of 3	W	0.25 / 1,314.64	282.42 / 1	GOLDEN STATE RANCHES INC 3700 N. GRANTLAND AVE. FRESNO CA 93711	HHSS
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County:	Fresno
Tank Details Microfiche:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00024312.pdf

<u>7</u>	3 of 3	W	0.25 / 1,314.64	282.42 / 1	N S LIDDELL 3700 N GRANTLAND AVE FRESNO CA	UST SWEEPS
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C C:	110-000-66056	D Filename:	NSITE7
BOE:		Page No:	364
Comp:	66056	County:	FRESNO
Status:	INACTIVE	State :	CA
No of Tanks:	1	Zip:	93722
Jurisdiction:	FRESNO COUNTY	Latitude:	36.789007
Agency:	ENVIRONMENTAL HEALTH	Longitude:	-119.916311
Phone:	(209) 275-2846	Georesult:	S5HPNTSCZA

Tank Details

Tank ID:	000001	S Contain:	NONE
O Tank ID:		Stg:	
SWRCB No:	10-000-066056-000001	Storage :	PRODUCT
Removed:	02-01-93	Storag Type:	PRODUCT
Installed:	01-01-01	P Contain:	BARE STEEL
A Date:		Content:	REG UNLEADED
Capac:	4000	ONA:	
Tank Use:	M.V. FUEL	D File Name:	NTANK7

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
<u>8</u>	1 of 2	NNW	0.51 / 2,690.91	286.36 / 5	GOLDEN STATE RANCH PROPERTY ASHLAN AVENUE/GRANTLAND AVENUE FRESNO CA 93722	SCH

Estor/EPA ID: 10010014
Site Code: 104254
Nat Priority List: NO
Acres: 155 ACRES
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 23
Senate District: 08
School District: CENTRAL UNIFIED SCHOOL DISTRICT
APN: NONE SPECIFIED
Cleanup Status: NO ACTION REQUIRED AS OF 2/27/2002
Cleanup Oversight Agencies: DTSC - LEAD AGENCY
Site Type: SCHOOL
Office: NORTHERN CALIFORNIA SCHOOLS & SANTA SUSANA
Past Use that Caused Contam: AGRICULTURAL - ROW CROPS
Potential Media Affected: NO MEDIA AFFECTED
Potential Contaminant of Concern:

Permit Renewal Lead:
Project Manager:
Supervisor: JOSE SALCEDO
Public Partici Spclst:
Census Tract: 6019003803
County: FRESNO
Latitude: 36.7972
Longitude: -119.9117

NO CONTAMINANTS FOUND

SITE HISTORY:

Fig orchard since at least 1909.

Status: NO ACTION REQUIRED
Program Type: SCHOOL INVESTIGATION
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=10010014

Completed Activities

Title: * Site Visit - Site Inspections/visit
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/visit (Non LUR)
Date Completed: 2/22/2002
Comments:

Title: Phase 1
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=10010014&doc_id=6000553
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 2/27/2002
Comments:

<u>8</u>	2 of 2	NNW	0.51 / 2,690.91	286.36 / 5	GOLDEN STATE RANCH PROPERTY ASHLAN AVENUE/GRANTLAND AVENUE FRESNO CA 93722	ENVIROSTOR
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Estor/EPA ID: 10010014
Site Code: 104254
Nat Priority List: NO
APN: NONE SPECIFIED
Assembly District: 23
Senate District: 08
Permit Renewal Lead:
Public Partici Spclst:

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
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Census Tract:	6019003803	Project Manager:	
Site Type:	SCHOOL	County:	FRESNO
Address Description:	ASHLAN AVENUE/GRANTLAND AVENUE	Latitude:	36.7972
Office:	NORTHERN CALIFORNIA SCHOOLS & SANTA SUSANA	Longitude:	-119.9117
Special Program:		Acres:	155 ACRES
Funding:	SCHOOL DISTRICT	Supervisor:	JOSE SALCEDO
Cleanup Status:	NO ACTION REQUIRED AS OF 2/27/2002		
Cleanup Oversight Agencies:	DTSC - LEAD AGENCY		
School District:	CENTRAL UNIFIED SCHOOL DISTRICT		
Past Use that Caused Contam:	AGRICULTURAL - ROW CROPS		
Potential Media Affected:	NO MEDIA AFFECTED		
Potential Contamin of Concern:			

NO CONTAMINANTS FOUND

Site History:

Fig orchard since at least 1909.

Status:	NO ACTION REQUIRED
Program Type:	SCHOOL INVESTIGATION
CalEnviroScreen Score:	76-80%
Summary Link:	https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=10010014

Completed Activities

Title:	Phase 1
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=10010014&doc_id=6000553
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Phase 1
Date Completed:	2/27/2002
Comments:	

Title:	* Site Visit - Site Inspections/visit
Title Link:	
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Site Inspections/Visit (Non LUR)
Date Completed:	2/22/2002
Comments:	

9	1 of 1	NW	0.61 / 3,239.43	281.91 / 0	WESTLAKE PROPOSED 430 ACRE DEVELOPMENT BOUNDED BY SHIELDS, GRANTLAND, GARFIELD, AND GETTYSBURG FRESNO CA 93723	ENVIROSTOR
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Estor/EPA ID:	60001966	Assembly District:	23
Site Code:	102233	Senate District:	08
Nat Priority List:	NO	Permit Renewal Lead:	
APN:	NONE SPECIFIED	Public Partici Spclst:	
Census Tract:	6019003803	Project Manager:	
Site Type:	VOLUNTARY CLEANUP	County:	FRESNO
Address Description:	BOUNDED BY SHIELDS, GRANTLAND, GARFIELD, AND GETTYSBURG	Latitude:	36.796536
Office:	CLEANUP SAN JOAQUIN	Longitude:	-119.919119
Special Program:	VOLUNTARY CLEANUP PROGRAM	Acres:	430 ACRES
Funding:	SITE PROPONENT	Supervisor:	KEVIN SHADDY
Cleanup Status:	INACTIVE - NEEDS EVALUATION AS OF 4/15/2015		

Map Key	Number of Records	Direction	Distance (m/ft)	Elev/Diff (ft)	Site	DB
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Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential Media Affected: SOIL
Potential Contamin of Concern:

UNDER INVESTIGATION

Site History:

A Preliminary Endangerment Assessment is being conducted on this former agricultural property. The Site is proposed as a Planned Residential Community.

Status: INACTIVE - NEEDS EVALUATION
Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001966

Completed Activities

Title: Proposed 430 Acre Westlake Development
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001966&enforcement_id=60351069
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 1/27/2014
Comments: VCA Executed January 24, 2014

Title: Workplan for Preliminary Endangerment Assessment
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001966&doc_id=60354126

Title: Preliminary Endangerment Assessment Workplan
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 3/12/2014
Date Completed: Workplan approved; Scope and proposed sampling lack detail; requested additional info in PEA Report.
Comments:

Title: Previous Site Reports
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001966&doc_id=60354130

Title: Other Report
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 1/15/2014
Date Completed: complet
Comments:

Title: VCA Termination by Responsible Party
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001966&doc_id=60389446

Title: Voluntary Cleanup Agreement Termination Notification
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 2/19/2015
Date Completed: Terminated with remaining Advance Payment to be refunded.
Comments:

Unplottable Summary

Total: 1 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
CDL		BRYAN, 500	FRESNO CA	93722	820112286

Unplottable Report

Site: BRYAN, 500 FRESNO CA 93722 CDL

Clue: 2001-07-062
Date: 7/13/2001
County: FRESNO
Lab Type: A
Lab Type Description: Abandoned Drug Lab Waste - location away from an actual illegal drug lab where drug lab waste and/or equipment were abandoned.

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program:

DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List:

NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Dec 30, 2021

National Priority List - Proposed:

PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Dec 30, 2021

Deleted NPL:

DELETED NPL

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Government Publication Date: Dec 30, 2021

SEMS List 8R Active Site Inventory:

SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Dec 30, 2021

SEMS List 8R Archive Sites:

SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Dec 30, 2021

Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System -

CERCLIS

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands:

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Nov 17, 2021

RCRA non-CORRACTS TSD Facilities:

RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Nov 17, 2021

RCRA Generator List:

RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Nov 17, 2021

RCRA Small Quantity Generators List:[RCRA SQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Nov 17, 2021

RCRA Very Small Quantity Generators List:[RCRA VSQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Nov 17, 2021

RCRA Non-Generators:[RCRA NON GEN](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Nov 17, 2021

RCRA Sites with Controls:[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Nov 17, 2021

Federal Engineering Controls-ECs:[FED ENG](#)

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Dec 30, 2021

Federal Institutional Controls-ICs:[FED INST](#)

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Dec 30, 2021

Land Use Control Information System:[LUCIS](#)

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Emergency Response Notification System:[ERNS 1982 TO 1986](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Jul 26, 2021

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Aug 20, 2021

FEMA Underground Storage Tank Listing:

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 2, 2020

Historical Gas Stations:

HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 10, 2020

Petroleum Product and Crude Oil Rail Terminals:

BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Apr 28, 2020

LIEN on Property:

SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Dec 30, 2021

Superfund Decision Documents:

SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Nov 16, 2021

State**State Response Sites:**

RESPONSE

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database is state equivalent NPL.

Government Publication Date: Jan 6, 2022

EnviroStor Database:

ENVIROSTOR

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database is state equivalent CERCLIS.

Government Publication Date: Jan 6, 2022

Delisted State Response Sites:

DELISTED ENVS

Sites removed from the list of State Response Sites made available by the EnviroStor Data Management System, Department of Toxic Substances Control (DTSC).

Government Publication Date: Jan 6, 2022

Solid Waste Information System (SWIS):

SWF/LF

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

Government Publication Date: Nov 2, 2021

Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels:

SWRCB SWF

This is a list of solid waste disposal sites identified by California State Water Resources Control Board with waste constituents above hazardous waste levels outside the waste management unit.

Government Publication Date: Sep 20, 2006

Waste Management Unit Database:

WMUD

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.

Government Publication Date: Jan 1, 2000

EnviroStor Hazardous Waste Facilities:

HWP

A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.

Government Publication Date: Jan 6, 2022

Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report:

SWAT

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

Government Publication Date: Dec 31, 1995

Construction and Demolition Debris Recyclers:

C&D DEBRIS RECY

This listing of Construction and Demolition Debris Recyclers is maintained by the California Intergrated Waste Management Board-common C&D materials include lumber, drywall, metals, masonry (brick, concrete, etc.), carpet, plastic, pipe, rocks, dirt, paper, cardboard, or green waste related to land development.

Government Publication Date: Jun 20, 2018

Recycling Centers:

RECYCLING

This list of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Dec 17, 2021

Listing of Certified Processors:

PROCESSORS

This list of Certified Processors that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Dec 20, 2021

Listing of Certified Dropoff, Collection, and Community Service Programs:

CONTAINER RECY

This list of Certified Dropoff, Collection, and Community Service Programs (non-buyback) operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Dec 17, 2021

Land Disposal Sites:

LDS

Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.

Government Publication Date: Oct 20, 2021

Leaking Underground Fuel Tank Reports:

LUST

List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.

Government Publication Date: Jun 22, 2021

Delisted Leaking Storage Tanks:

DELISTED LST

List of Leaking Underground Storage Tanks (LUST) cleanup sites removed from GeoTracker, the State Water Resources Control Board (SWRCB)'s database system, as well as sites removed from the SWRCB's list of UST Case closures.

Government Publication Date: Jun 22, 2021

Permitted Underground Storage Tank (UST) in GeoTracker:

UST

List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).

Government Publication Date: Jan 3, 2022

Proposed Closure of Underground Storage Tank Cases:

UST CLOSURE

List of UST cases that are being considered for closure by either the California Environmental Protection Agency, State Water Resources Control Board or the Executive Director that have been posted for a 60-day public comment period.

Government Publication Date: May 5, 2021

Historical Hazardous Substance Storage Information Database:

HHSS

The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.

Government Publication Date: Aug 27, 2015

Statewide Environmental Evaluation and Planning System:

UST SWEEPS

The Statewide Environmental Evaluation and Planning System (SWEEPS) is a historical listing of active and inactive underground storage tanks made available by the California State Water Resources Control Board (SWRCB).

Government Publication Date: Oct 1, 1994

Aboveground Storage Tanks:

[AST](#)

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

Government Publication Date: Aug 31, 2009

SWRCB Historical Aboveground Storage Tanks:

[AST SWRCB](#)

A list of aboveground storage tanks made available by the California State Water Resources Control Board (SWRCB). Effective January 1, 2008, the Certified Unified Program Agencies (CUPAs) are vested with the responsibility and authority to implement the Aboveground Petroleum Storage Act (APSA).

Government Publication Date: Dec 1, 2007

Oil and Gas Facility Tanks:

[TANK OIL GAS](#)

Locations of oil and gas tanks that fall under the jurisdiction of the Geologic Energy Management Division of the California Department of Conservation (CalGEM) (CCR 1760). CalGEM was formerly the Division of Oil, Gas, and Geothermal Resources (DOGGR).

Government Publication Date: Dec 9, 2021

Delisted Storage Tanks:

[DELISTED TNK](#)

This database contains a list of storage tank sites that were removed by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA) and the Cal FIRE Office of State Fire Marshal (OSFM).

Government Publication Date: Jan 3, 2022

California Environmental Reporting System (CERS) Tanks:

[CERS TANK](#)

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Dec 8, 2021

Delisted California Environmental Reporting System (CERS) Tanks:

[DELISTED CTNK](#)

This database contains a list of Aboveground Petroleum Storage and Underground Storage Tank sites that were removed from in the California Environmental Protection Agency (CalEPA) Regulated Site Portal.

Government Publication Date: Dec 8, 2021

Historical Hazardous Substance Storage Container Information - Facility Summary:

[HIST TANK](#)

The State Water Resources Control Board maintained the Hazardous Substance Storage Containers listing and inventory in the 1980s. This facility summary lists historic tank sites where the following container types were present: farm motor vehicle fuel tanks; waste tanks; sumps; pits, ponds, lagoons, and others; and all other product tanks. This set, published in May 1988, lists facility and owner information, as well as the number of containers. This data is historic and will not be updated.

Government Publication Date: May 27, 1988

Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions:

[LUR](#)

The Department of Toxic Substances Control (DTSC) Site Mitigation and Brownfields Reuse Program (SMBRRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents land use restrictions that are active. Some sites have multiple land use restrictions.

Government Publication Date: Jan 6, 2022

CALSITES Database:

[CALSTITES](#)

This historical database was maintained by the Department of Toxic Substance Control (DTSC) for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

Government Publication Date: May 1, 2004

Hazardous Waste Management Program Facility Sites with Deed / Land Use Restrictions:

[HLUR](#)

The Department of Toxic Substances Control (DTSC) Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Government Publication Date: Feb 18, 2021

Deed Restrictions and Land Use Restrictions:

DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

Government Publication Date: Oct 20, 2021

Voluntary Cleanup Program:

VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

Government Publication Date: Jan 6, 2022

GeoTracker Cleanup Program Sites:

CLEANUP SITES

A list of Cleanup Program sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

Government Publication Date: Jun 22, 2021

Delisted County Records:

DELISTED COUNTY

Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

Government Publication Date: Jan 19, 2022

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands:

INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Apr 8, 2020

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

USTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Apr 8, 2020

Delisted Tribal Leaking Storage Tanks:

DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Apr 14, 2020

Delisted Tribal Underground Storage Tanks:

DELISTED IUUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Apr 14, 2020

County

Fresno County - CUPA/Solid Waste Programs Resource List:

CUPA FRESNO

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Fresno County. This list is made available by Fresno County Department of Environmental Health Division which is approved by Cal-EPA as CUPA for the County.

Government Publication Date: Apr 9, 2021

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

[FINDS/FRS](#)

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program:

[TRIS](#)

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Releases:

[PFAS TRI](#)

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites:

[PFAS NPL](#)

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Sep 17, 2021

Perfluorinated Alkyl Substances (PFAS) Water Quality:

[PFAS WATER](#)

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

SSEHRI PFAS Contamination Sites:

[PFAS SSEHRI](#)

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations <https://pfasproject.com/pfas-contamination-site-tracker/>

Government Publication Date: Dec 12, 2019

Hazardous Materials Information Reporting System:

[HMIRS](#)

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs:

[NCDL](#)

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Oct 5, 2020

Toxic Substances Control Act:

[TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA:

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

[FTTS INSP](#)

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

[PRP](#)

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Oct 20, 2021

State Coalition for Remediation of Drycleaners Listing:

[SCRD DRYCLEANER](#)

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

[ICIS](#)

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Oct 14, 2021

Drycleaner Facilities:

[FED DRYCLEANERS](#)

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2021

Delisted Drycleaner Facilities:

[DELISTED FED DRY](#)

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 5, 2021

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: May 26, 2021

Former Military Nike Missile Sites:

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Jul 7, 2020

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 2, 2021

Surface Mining Control and Reclamation Act Sites:

SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Government Publication Date: Dec 18, 2020

Mineral Resource Data System:

MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2006

Uranium Mill Tailings Radiation Control Act Sites:

URANIUM

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

Government Publication Date: Mar 4, 2017

Alternative Fueling Stations:

ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Dec 21, 2021

Registered Pesticide Establishments:

SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Apr 13, 2021

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Jan 20, 2022

State**Dry Cleaning Facilities:**

DRYCLEANERS

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, linen supply, commercial laundry, dry cleaning and pressing machines - Coin Operated Laundry and Dry Cleaning. This is provided by the Department of Toxic Substance Control.

Government Publication Date: Dec 20, 2021

Delisted Drycleaners:

DELISTED DRYCLEANERS

Sites removed from the list of drycleaner related facilities that have EPA ID numbers, made available by the California Department of Toxic Substance Control.

Government Publication Date: Dec 20, 2021

Non-Toxic Dry Cleaning Incentive Program:

DRYCLEAN GRANT

A list of grant recipients of the Non-Toxic Dry Cleaning Incentive Program made available by the California Air Resources Board (CARB). The program provides grants to eligible dry cleaning businesses to assist them in transitioning away from PERC machines to alternative non-toxic and non-smog forming technologies.

Government Publication Date: Feb 28, 2018

Per- and Polyfluoroalkyl Substances (PFAS):

PFAS

List of sites from the State Water Resources Control Board (SWRCB)'s GeoTracker at which one or more of the potential contaminants of concern are in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Jun 22, 2021

PFOA/PFOS Groundwater:

PFAS GW

A list of water wells from the Groundwater Ambient Monitoring and Assessment Program (GAMA) Groundwater Information System with the groundwater chemical perfluorooctanoic acid (PFOA) (NL = 0.014 UG/L) or perfluorooctanoic sulfonate (PFOS) (NL = 0.013 UG/L). The GAMA Groundwater Information System search is made available by California Water Boards.

Government Publication Date: Oct 22, 2020

Hazardous Waste and Substances Site List - Site Cleanup:

HWSS CLEANUP

The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. This list is published by California Department of Toxic Substance Control.

Government Publication Date: May 20, 2021

Toxic Pit Cleanup Act Sites:

TOXIC PITS

The Toxic Pits Cleanup Act (TPCA) list identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. This list was maintained by the State Water Resources Control Board (SWRCB), is no longer maintained, and updates are not planned.

Government Publication Date: Jul 1, 1995

List of Hazardous Waste Facilities Subject to Corrective Action:

DTSC HWF

This is a list of hazardous waste facilities identified in Health and Safety Code (HSC) § 25187.5. These facilities are those where Department of Toxic Substances Control (DTSC) has taken or contracted for corrective action because a facility owner/operator has failed to comply with a date for taking corrective action in an order issued under HSC § 25187, or because DTSC determined that immediate corrective action was necessary to abate an imminent or substantial endangerment.

Government Publication Date: Jul 18, 2016

EnviroStor Inspection, Compliance, and Enforcement:

INSP COMP ENF

A list of permitted facilities with inspections and enforcements tracked in the Department of Toxic Substance Control (DTSC) EnviroStor.

Government Publication Date: Apr 29, 2021

School Property Evaluation Program Sites:

SCH

A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.

Government Publication Date: Jan 6, 2022

California Hazardous Material Incident Report System (CHMIRS):

CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Aug 1, 2021

Historical California Hazardous Material Incident Report System (CHMIRS):

HIST CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Jan 1, 1993

Hazardous Waste Manifest Data:

HAZNET

A list of hazardous waste manifests received each year by Department of Toxic Substances Control (DTSC). The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Oct 24, 2016

Historical Hazardous Waste Manifest Data:

HIST MANIFEST

A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Dec 31, 1992

DTSC Registered Hazardous Waste Transporters:

HW TRANSPORT

The California Department of Toxic Substances Control (DTSC) maintains this list of Registered Hazardous Waste Transporters.

Government Publication Date: Oct 19, 2020

Registered Waste Tire Haulers:

WASTE TIRE

This list of registered waste tire haulers is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Dec 17, 2021

California Medical Waste Management Program Facility List:**MEDICAL WASTE**

This list of Medical Waste Management Program Facilities is maintained by the California Department of Public Health. The Medical Waste Management Program (MWMP) regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations. This list contains transporters, treatment, and transfer facilities.

Government Publication Date: Dec 31, 2020

Historical Cortese List:**HIST CORTESE**

List of sites which were once included on the Cortese list. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements for providing information about the location of hazardous sites.

Government Publication Date: Nov 13, 2008

Cease and Desist Orders and Cleanup and Abatement Orders:**CDO/CAO**

The California Environment Protection Agency "Cortese List" of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO). This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the Water Boards' database does not distinguish between these types of orders.

Government Publication Date: Dec 6, 2021

California Environmental Reporting System (CERS) Hazardous Waste Sites:**CERS HAZ**

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Dec 8, 2021

Delisted Environmental Reporting System (CERS) Hazardous Waste Sites:**DELISTED HAZ**

This database contains a list of sites that were removed from the California Environmental Protection Agency (CalEPA) in the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator.

Government Publication Date: Nov 29, 2018

Sites in GeoTracker:**GEOTRACKER**

GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. This is a list of sites in GeoTracker that aren't otherwise categorized as LUST, Land Disposal Sites (LDS), Cleanup Sites, or sites having Waste Discharge Requirements (WDR). This listing includes program types such as Underground Injection Control (UIC), Confined Animal Facilities (CAF), Irrigated Lands Regulatory Program, plans, and non-case information.

Government Publication Date: Jun 22, 2021

Mines Listing:**MINE**

This list includes mine site locations extracted from the Mines Online database, maintained by the California Department of Conservation. Mines Online (MOL) is an interactive web map designed with GIS features that provide information such as the mine name, mine status, commodity sold, location, and other mine specific data. Please note: Mine location information is provided to assist experts in determining the location of mine operators in accordance with California Civil Code section 1103.4 and reflects information reported by mine operators in annual reports provided under Public Resources Code section 2207. While the Division of Mine Reclamation (DMR) attempts to populate MOL with accurate location information, the DMR cannot guarantee the accuracy of operator reported location information.

Government Publication Date: Dec 17, 2021

Recorded Environmental Cleanup Liens:**LIEN**

The California Department of Toxic Substance Control (DTSC) maintains this list of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

Government Publication Date: Dec 15, 2021

Waste Discharge Requirements:**WASTE DISCHG**

List of sites in California State Water Resources Control Board (SWRCB) Waste Discharge Requirements (WDRs) Program in California, made available by the SWRCB via GeoTracker. The WDR program regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Government Publication Date: Oct 20, 2021

Toxic Pollutant Emissions Facilities:

EMISSIONS

A list of criteria and toxic pollutant emissions data for facilities in California made available by the California Environmental Protection Agency - Air Resources Board (ARB). Risk data may be based on previous inventory submittals. The toxics data are submitted to the ARB by the local air districts as requirement of the Air Toxics "Hot Spots" Program. This program requires emission inventory updates every four years.

Government Publication Date: Dec 31, 2019

Clandestine Drug Lab Sites:

CDL

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/ clandestine drug laboratories.

Government Publication Date: Jan 19, 2021

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental databases were selected to be included in the search.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



Property Information

Order Number: 22020100871p
 Date Completed: February 2, 2022
 Project Number: 22-355095.7
 Project Property: Bopp Property
 North Bryan Avenue FRESNO CA 93723
 Coordinates:
 Latitude:
 Longitude:
 UTM Northing: 4075412.88738 Meters
 UTM Easting: 240345.330327 Meters
 UTM Zone: UTM Zone 11S
 Elevation: 281.67 ft
 Slope Direction: SSW

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 Hydrologic Information.....4
 Geologic Information.....7
 Soil Information.....9
 Wells and Additional Sources.....14
 Summary.....15
 Detail Report.....19
 Radon Information.....66
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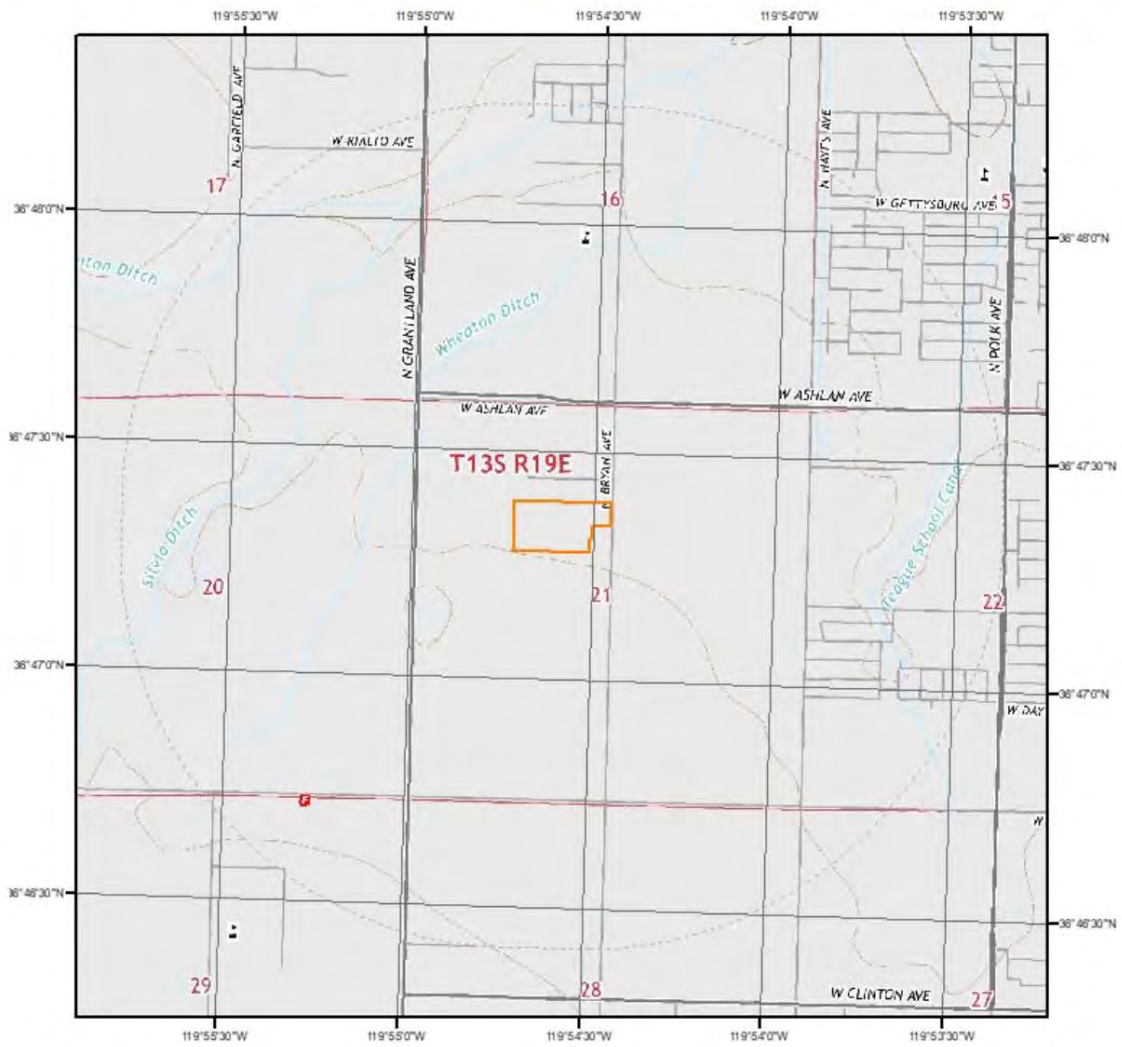
The ERIS *Physical Setting Report - PSR* provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2015)



Quadrangle(s): Herndon, CA

Source: USGS 7.5 Minute Topographic Map

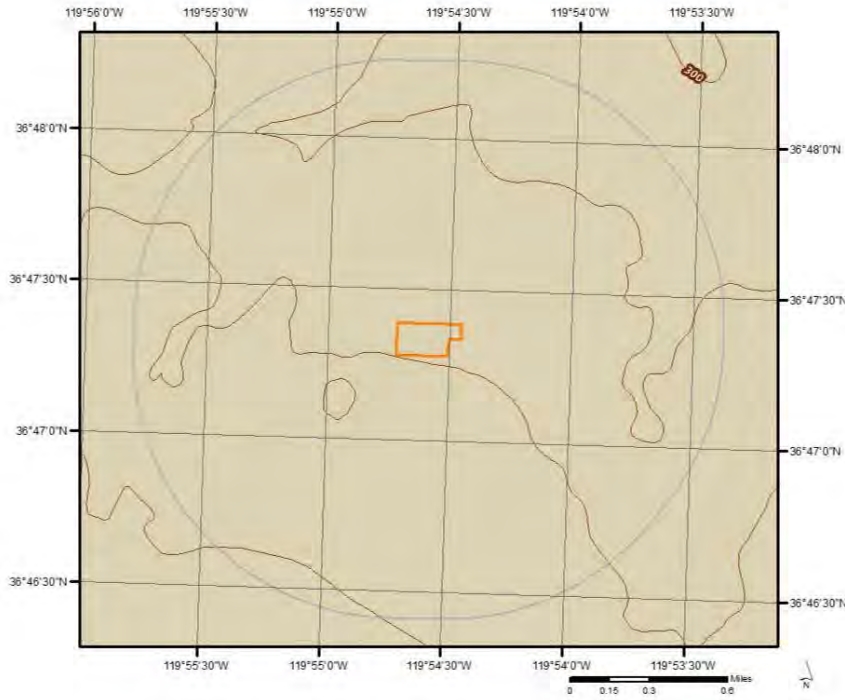


Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation: 281.67 ft
Slope Direction: SSW



Hydrologic Information

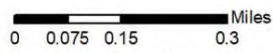


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

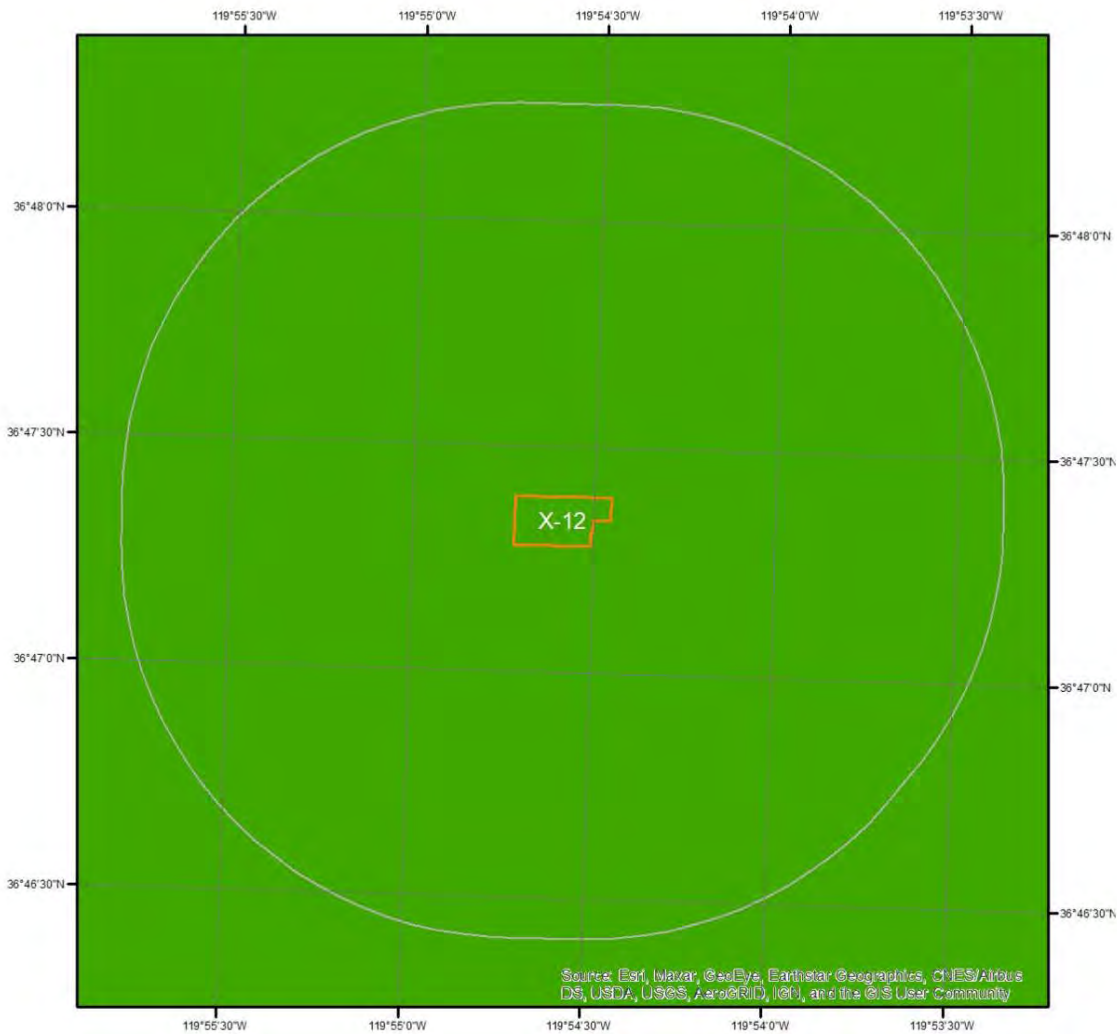
Wetland

This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

- | | |
|---|---|
|  Estuarine and Marine Deepwater |  Freshwater Pond |
|  Estuarine and Marine Wetland |  Lake |
|  Freshwater Emergent Wetland |  Other |
|  Freshwater Forested/Shrub Wetland |  Riverine |



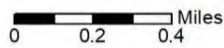
Hydrologic Information



Flood Hazard Zones

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

- | | | |
|---|--|---|
|  A |  AO |  X |
|  A99 |  V |  OPEN WATER |
|  AE |  VE |  NOT POPULATED |
|  AH |  D |  AREA NOT INCLUDED |



Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below. For detailed Zone descriptions please click the link: <https://floodadvocate.com/fema-zone-definitions>

Available FIRM Panels in area: 06019C1545H(effective:2009-02-18)

Flood Zone X-12

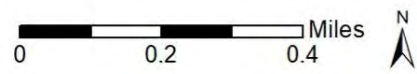
Zone: X
Zone subtype: AREA OF MINIMAL FLOOD HAZARD

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



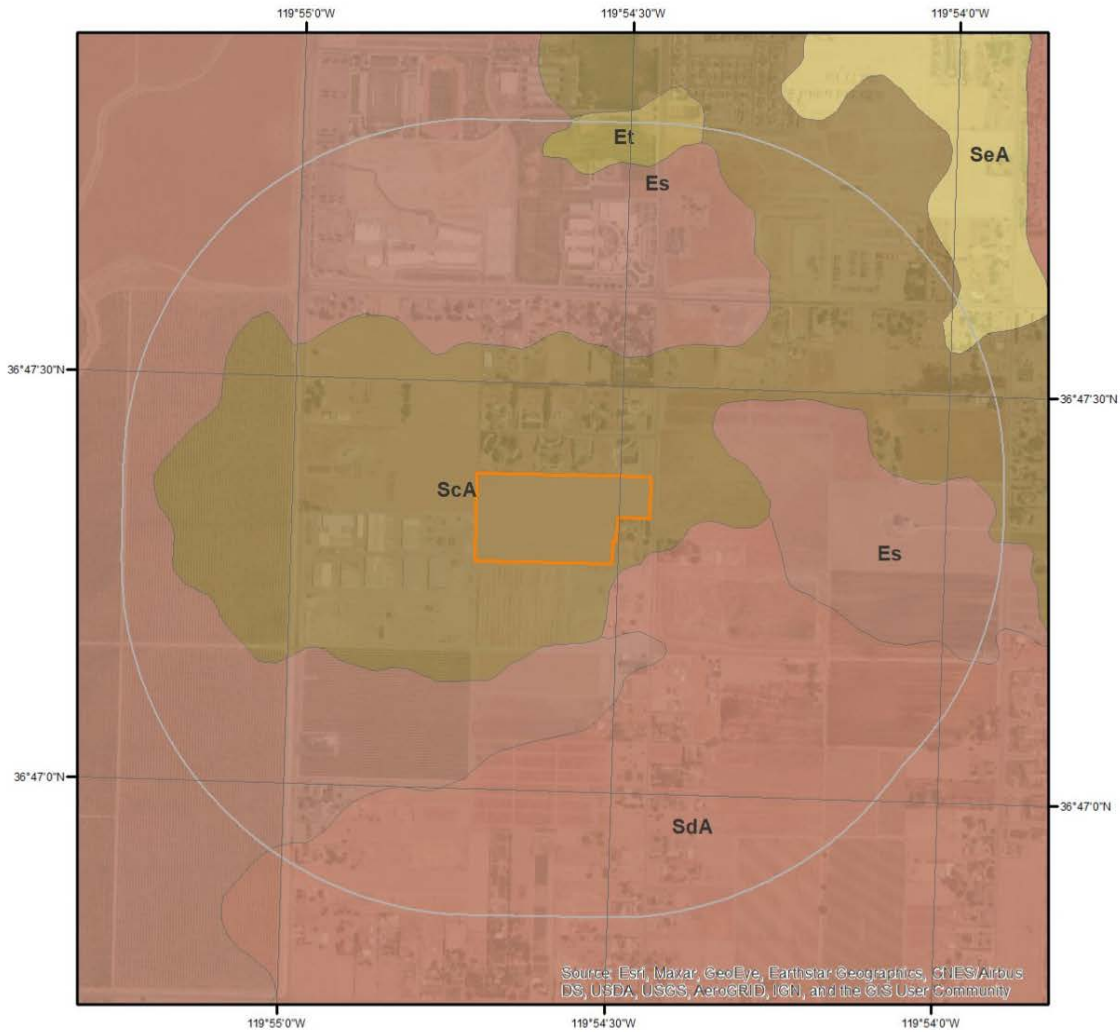
Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

Geologic Unit Q

Unit Name:	Quaternary alluvium and marine deposits
Unit Age:	Pliocene to Holocene
Primary Rock Type:	alluvium
Secondary Rock Type:	terrace
Unit Description:	Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly nonmarine, but includes marine deposits near the coast.

Soil Information



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

SSURGO Soils



This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.



Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit Es (25.23%)

Map Unit Name: Exeter sandy loam
 Bedrock Depth - Min: null
 Watertable Depth - Annual Min: null
 Drainage Class - Dominant: Well drained
 Hydrologic Group - Dominant: C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Exeter(85%)	
horizon Ap(0cm to 38cm)	Sandy loam
horizon Bt(38cm to 76cm)	Sandy loam
horizon Bqm(76cm to 101cm)	Cemented

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Es - Exeter sandy loam

Component: Exeter (85%)

The Exeter component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on stream terraces on valleys. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer, duripan, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4s. Irrigated land capability classification is 3s. This soil does not meet hydric criteria.

Component: Unnamed (14%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Component: Unnamed (1%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Map Unit Et (0.1%)

Map Unit Name: Exeter sandy loam, shallow
 Bedrock Depth - Min: null
 Watertable Depth - Annual Min: null
 Drainage Class - Dominant: Well drained
 Hydrologic Group - Dominant: D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Exeter(85%)	
horizon Ap(0cm to 25cm)	Sandy loam
horizon Bt(25cm to 41cm)	Sandy loam
horizon Bqm(41cm to 66cm)	Cemented

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Et - Exeter sandy loam, shallow

Soil Information

Component: Exeter (85%)

The Exeter component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on stream terraces on valleys. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer, duripan, is 12 to 20 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4s. Irrigated land capability classification is 4s. This soil does not meet hydric criteria.

Component: Unnamed (14%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Component: Unnamed (1%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Map Unit ScA (16.03%)

Map Unit Name:	San Joaquin sandy loam, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Waterable Depth - Annual Min:	null
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

San Joaquin(85%)	
horizon A(0cm to 41cm)	Sandy loam
horizon Bt1(41cm to 71cm)	Sandy clay loam
horizon 2Bt2(71cm to 74cm)	Clay
horizon 2Bqm(74cm to 91cm)	Cemented
horizon 2C(91cm to 152cm)	Coarse sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: ScA - San Joaquin sandy loam, 0 to 3 percent slopes, MLRA 17

Component: San Joaquin (90%)

The San Joaquin component makes up 90 percent of the map unit. Slopes are 0 to 3 percent. This component is on fan remnants on valleys. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer, duripan, is 19 to 25 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 9 inches during January, February. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4s. Irrigated land capability classification is 4s. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 3 within 30 inches of the soil surface.

Component: Snelling (5%)

Generated brief soil descriptions are created for major soil components. The Snelling soil is a minor component.

Component: Alamo (4%)

Generated brief soil descriptions are created for major soil components. The Alamo soil is a minor component.

Component: Unnamed (1%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Map Unit SdA (57.26%)

Map Unit Name:	San Joaquin sandy loam, shallow, 0 to 3 percent slopes
Bedrock Depth - Min:	null

Soil Information

Watertable Depth - Annual Min: null
 Drainage Class - Dominant: Moderately well drained
 Hydrologic Group - Dominant: D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

San Joaquin(85%)
 horizon A(0cm to 20cm) Sandy loam
 horizon 2Bt(20cm to 46cm) Clay
 horizon 2Bqm(46cm to 76cm) Cemented
 horizon 2C(76cm to 152cm) Coarse sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: SdA - San Joaquin sandy loam, shallow, 0 to 3 percent slopes

Component: San Joaquin (85%)

The San Joaquin component makes up 85 percent of the map unit. Slopes are 0 to 3 percent. This component is on erosion remnants on stream terraces on valleys. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer, duripan, is 12 to 24 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R017XE113CA Terrace 12-14" ecological site. Nonirrigated land capability classification is 4s. Irrigated land capability classification is 4s. This soil does not meet hydric criteria.

Component: Exeter (14%)

Generated brief soil descriptions are created for major soil components. The Exeter soil is a minor component.

Component: Unnamed (1%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Map Unit SeA (1.37%)

Map Unit Name: San Joaquin loam, 0 to 3 percent slopes
 Bedrock Depth - Min: null
 Watertable Depth - Annual Min: null
 Drainage Class - Dominant: Moderately well drained
 Hydrologic Group - Dominant: C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

San Joaquin(85%)
 horizon A(0cm to 41cm) Loam
 horizon Bt1(41cm to 71cm) Sandy clay loam
 horizon 2Bt2(71cm to 74cm) Clay
 horizon 2Bqm(74cm to 91cm) Cemented
 horizon 2C(91cm to 152cm) Coarse sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: SeA - San Joaquin loam, 0 to 3 percent slopes

Component: San Joaquin (85%)

The San Joaquin component makes up 85 percent of the map unit. Slopes are 0 to 3 percent. This component is on fan remnants on valleys. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer, duripan, is 24 to 48 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of

Soil Information

water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R017XE113CA Terrace 12-14" ecological site. Nonirrigated land capability classification is 4s. Irrigated land capability classification is 3s. This soil does not meet hydric criteria.

Component: Unnamed (6%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

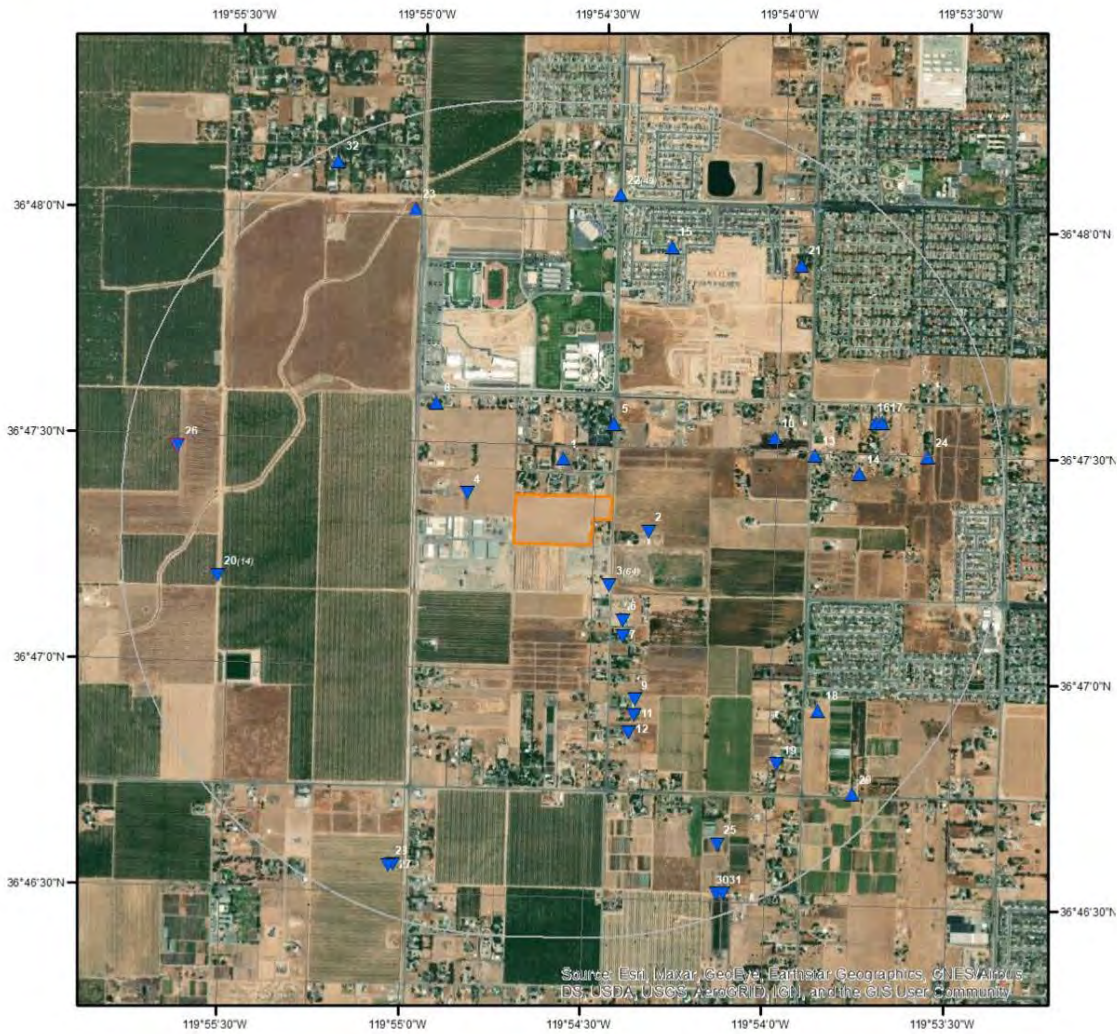
Component: Unnamed (6%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

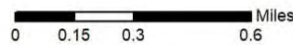
Component: Unnamed (3%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Wells and Additional Sources



Wells & Additional Sources



- ▲ Sites with Higher Elevation ▲ OGW Sites with Higher Elevation
- Sites with Same Elevation ■ OGW Sites with Same Elevation
- ▼ Sites with Lower Elevation ▼ OGW Sites with Lower Elevation
- Sites with Unknown Elevation ● OGW Sites with Unknown Elevation



Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
5	CA1000557	977.27	NNE

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
No records found			

USGS National Water Information System

Map Key	Monitoring Loc Identifier	Distance (ft)	Direction
2	USGS-364719119541701	533.38	E
12	USGS-364600119540001	2588.10	SSE
21	USGS-364755119535301	4022.52	NE
23	USGS-364801119545701	4059.24	NNW
32	USGS-364807119551001	5062.60	NNW

State Sources

Oil and Gas Wells

Map Key	API No	Distance (ft)	Direction
26	0401906021	4581.48	W

Periodic Groundwater Level Measurement Locations

Map Key	Site Code	Distance (ft)	Direction
15	367991N1199052W001	3452.49	NNE
27	367760N1199171W001	4621.52	SSW
29	367791N1198960W001	4869.23	SE

Well Completion Reports

Map Key	WCR No	Distance (ft)	Direction
1	WCR0124611	496.56	N
3	WCR1978-002650	605.94	SE
3	WCR1974-001132	605.94	SE
3	WCR1974-001050	605.94	SE
3	WCR1977-003300	605.94	SE
3	WCR0316411	605.94	SE
3	WCR1977-003419	605.94	SE
3	WCR1978-002505	605.94	SE
3	WCR1977-003614	605.94	SE
3	WCR1977-003298	605.94	SE
3	WCR0022919	605.94	SE

Wells and Additional Sources Summary

3	WCR0285189	605.94	SE
3	WCR0109095	605.94	SE
3	WCR1985-007304	605.94	SE
3	WCR1988-012197	605.94	SE
3	WCR1972-000981	605.94	SE
3	WCR1975-001175	605.94	SE
3	WCR1971-000878	605.94	SE
3	WCR0271946	605.94	SE
3	WCR0105906	605.94	SE
3	WCR0229768	605.94	SE
3	WCR0206958	605.94	SE
3	WCR1969-000518	605.94	SE
3	WCR0187983	605.94	SE
3	WCR0326991	605.94	SE
3	WCR2016-014068	605.94	SE
3	WCR2016-011681	605.94	SE
3	WCR1977-003553	605.94	SE
3	WCR1994-007841	605.94	SE
3	WCR0206959	605.94	SE
3	WCR0046712	605.94	SE
3	WCR1970-000572	605.94	SE
3	WCR0185404	605.94	SE
3	WCR0088570	605.94	SE
3	WCR1973-001210	605.94	SE
3	WCR1978-002576	605.94	SE
3	WCR1975-001186	605.94	SE
3	WCR1978-002004	605.94	SE
3	WCR1977-002620	605.94	SE
3	WCR1983-003928	605.94	SE
3	WCR0287258	605.94	SE
3	WCR2016-011682	605.94	SE
3	WCR2017-006766	605.94	SE
3	WCR0129306	605.94	SE
3	WCR1974-001140	605.94	SE
3	WCR0248858	605.94	SE
3	WCR0231386	605.94	SE
3	WCR1975-001109	605.94	SE
3	WCR1976-001766	605.94	SE
3	WCR0271947	605.94	SE
3	WCR2016-012947	605.94	SE
3	WCR2015-007222	605.94	SE
3	WCR1990-013815	605.94	SE
3	WCR1977-002625	605.94	SE
3	WCR1974-001040	605.94	SE
3	WCR1974-001041	605.94	SE
3	WCR1974-001039	605.94	SE
3	WCR1983-004113	605.94	SE
3	WCR2016-011680	605.94	SE
3	WCR1990-013664	605.94	SE
3	WCR1971-000884	605.94	SE
3	WCR1985-007343	605.94	SE
3	WCR1976-001934	605.94	SE
3	WCR1979-002319	605.94	SE
3	WCR1992-010888	605.94	SE
4	WCR0285190	641.83	WNW
6	WCR2015-007734	1116.34	SSE
7	WCR0128739	1319.18	SSE
8	WCR0115564	1616.06	NW
9	WCR0297810	2174.89	SSE
10	WCR0286797	2337.10	ENE
11	WCR0053909	2370.86	SSE
13	WCR0015218	2796.62	ENE
14	WCR2020-014944	3351.74	E
16	WCR0132184	3694.62	ENE
17	WCR0034582	3781.25	ENE
18	WCR0147905	3792.58	SE

Wells and Additional Sources Summary

19	WCR0005311	3878.89	SE
20	WCR0206957	4011.64	W
20	WCR1977-002814	4011.64	W
20	WCR1971-000790	4011.64	W
20	WCR1975-001051	4011.64	W
20	WCR1974-001154	4011.64	W
20	WCR0190751	4011.64	W
20	WCR1979-002467	4011.64	W
20	WCR1988-012327	4011.64	W
20	WCR0034579	4011.64	W
20	WCR0012208	4011.64	W
20	WCR0271344	4011.64	W
20	WCR1978-002383	4011.64	W
20	WCR0036839	4011.64	W
20	WCR2015-004993	4011.64	W
22	WCR1971-000757	4054.50	N
22	WCR1984-005153	4054.50	N
22	WCR0022918	4054.50	N
22	WCR0031073	4054.50	N
22	WCR0060055	4054.50	N
22	WCR0175967	4054.50	N
22	WCR0106351	4054.50	N
22	WCR0244029	4054.50	N
22	WCR0305952	4054.50	N
22	WCR1984-004955	4054.50	N
22	WCR1988-012147	4054.50	N
22	WCR1986-007842	4054.50	N
22	WCR1985-007197	4054.50	N
22	WCR1984-005156	4054.50	N
22	WCR0262963	4054.50	N
22	WCR1977-003376	4054.50	N
22	WCR1986-008010	4054.50	N
22	WCR0130998	4054.50	N
22	WCR0052733	4054.50	N
22	WCR1985-007196	4054.50	N
22	WCR0203777	4054.50	N
22	WCR0305951	4054.50	N
22	WCR1987-009226	4054.50	N
22	WCR0195447	4054.50	N
22	WCR0105904	4054.50	N
22	WCR0034576	4054.50	N
22	WCR1977-003383	4054.50	N
22	WCR1969-000510	4054.50	N
22	WCR0105903	4054.50	N
22	WCR1986-007807	4054.50	N
22	WCR1990-014008	4054.50	N
22	WCR0015178	4054.50	N
22	WCR1984-005154	4054.50	N
22	WCR1992-010887	4054.50	N
22	WCR1979-002464	4054.50	N
22	WCR0128708	4054.50	N
22	WCR0052884	4054.50	N
22	WCR0257914	4054.50	N
22	WCR1993-007718	4054.50	N
22	WCR1986-007973	4054.50	N
22	WCR1986-007867	4054.50	N
22	WCR0218534	4054.50	N
22	WCR0190749	4054.50	N
22	WCR0185167	4054.50	N
22	WCR0185898	4054.50	N
22	WCR1984-005155	4054.50	N
22	WCR0063875	4054.50	N
22	WCR0217994	4054.50	N
22	WCR0105902	4054.50	N
24	WCR0018947	4294.41	E
25	WCR0312867	4379.31	SSE

Wells and Additional Sources Summary

28	WCR2020-010230	4650.78	SSW
30	WCR2021-002489	5000.64	SSE
31	WCR2021-002493	5028.11	SSE

Wells and Additional Sources Detail Report

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	NNE	0.19	977.27	282.32	PWSV

Address Line 2:
 State Code: CA
 Zip Code: 93723
 City Name: FRESNO
 Address Line 1: 3855 N. BRYAN
 PWS ID: CA1000557
 PWS Type Code: TNCWS
 PWS Type Description: Transient Non-Community Water System
 Primary Source Code: GW
 Primary Source Desc: Groundwater
 PWS Activity Code: A
 PWS Activity Description: Active
 PWS Deactivation Date:
 Phone Number: 559-275-4466

--Details--

Population Served Count: 200
 City Served:
 County Served: Fresno
 State Served: CA
 Zip Code Served:

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	E	0.10	533.38	280.96	FED USGS

Organiz Identifier: USGS-CA Formation Type:
 Organiz Name: USGS California Water Science Center Aquifer Name: Central Valley aquifer system
 Well Depth: 116 Aquifer Type:
 Well Depth Unit: ft Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: FRESNO
 Construction Date: Latitude: 36.788558
 Source Map Scale: 24000 Longitude: -119.905707
 Monitoring Loc Name: 013S019E21G001M
 Monitoring Loc Identifier: USGS-364719119541701
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 18030009

Wells and Additional Sources Detail Report

Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: minutes
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 278.00
 Vertical Measure Unit: feet
 Vertical Accuracy: 52
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	SSE	0.49	2,588.10	278.03	FED USGS

Organiz Identifier: USGS-CA Formation Type:
 Organiz Name: USGS California Water Science Center Aquifer Name:
 Well Depth: 214 Aquifer Type:
 Well Depth Unit: ft Country Code: US
 Well Hole Depth: 220 Provider Name: NWIS
 W Hole Depth Unit: ft County: FRESNO
 Construction Date: 20050812 Latitude: 36.7811111
 Source Map Scale: 24000 Longitude: -119.9063333
 Monitoring Loc Name: 013S019E21Q001M
 Monitoring Loc Identifier: USGS-364600119540001
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 18030009
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: .5
 Horizontal Accuracy Unit: seconds
 Horizontal Collection Mthd: Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)
 Horiz Coord Refer System: NAD83
 Vertical Measure: 278
 Vertical Measure Unit: feet
 Vertical Accuracy: 4.3
 Vertical Accuracy Unit: feet

Wells and Additional Sources Detail Report

Vertical Collection Mthd: Interpolated from Digital Elevation Model
 Vert Coord Refer System: NAVD88

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	NE	0.76	4,022.52	292.07	FED USGS

Organiz Identifier: USGS-CA Formation Type:
 Organiz Name: USGS California Water Science Center Aquifer Name: Central Valley aquifer system
 Well Depth: 165 Aquifer Type:
 Well Depth Unit: ft Country Code: US
 Well Hole Depth: Provider Name: NWIS
 W Hole Depth Unit: County: FRESNO
 Construction Date: 195907 Latitude: 36.7985581
 Source Map Scale: 24000 Longitude: -119.8990403
 Monitoring Loc Name: 013S019E16K002M
 Monitoring Loc Identifier: USGS-364755119535301
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 18030009
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: minutes
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 290.00
 Vertical Measure Unit: feet
 Vertical Accuracy: 52
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	NNW	0.77	4,059.24	292.19	FED USGS

Organiz Identifier: USGS-CA Formation Type:
 Organiz Name: USGS California Water Science Center Aquifer Name: Central Valley aquifer system
 Well Depth: 192 Aquifer Type:
 Well Depth Unit: ft Country Code: US
 Well Hole Depth: 210 Provider Name: NWIS
 W Hole Depth Unit: ft County: FRESNO

Wells and Additional Sources Detail Report

Construction Date: 19620209 Latitude: 36.8002245
 Source Map Scale: 24000 Longitude: -119.916819
 Monitoring Loc Name: 013S019E17H001M
 Monitoring Loc Identifier: USGS-364801119545701
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 18030009
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: minutes
 Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 290.00
 Vertical Measure Unit: feet
 Vertical Accuracy: 52
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	NNW	0.96	5,062.60	284.33	FED USGS

Organiz Identifier: USGS-CA Formation Type: Quaternary Alluvium
 Organiz Name: USGS California Water Science Center Aquifer Name: Central Valley aquifer system
 Well Depth: 145 Aquifer Type: Unconfined single aquifer
 Well Depth Unit: ft Country Code: US
 Well Hole Depth: 145 Provider Name: NWIS
 W Hole Depth Unit: ft County: FRESNO
 Construction Date: 19850702 Latitude: 36.8018911
 Source Map Scale: 24000 Longitude: -119.9204303
 Monitoring Loc Name: 013S019E17H002M
 Monitoring Loc Identifier: USGS-364807119551001
 Monitoring Loc Type: Well
 Monitoring Loc Desc:
 HUC Eight Digit Code: 18030009
 Drainage Area:
 Drainage Area Unit:
 Contrib Drainage Area:
 Contrib Drainage Area Unit:
 Horizontal Accuracy: 1
 Horizontal Accuracy Unit: seconds

Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.
 Horiz Coord Refer System: NAD83
 Vertical Measure: 282
 Vertical Measure Unit: feet
 Vertical Accuracy: 2.5
 Vertical Accuracy Unit: feet
 Vertical Collection Mthd: Interpolated from topographic map.
 Vert Coord Refer System: NGVD29

Oil and Gas Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	W	0.87	4,581.48	275.18	OGW

API No: 0401906021 Directional:
 All Well Key: BLM Well:
 OP Well ID: EPA Well:
 OID: Operator Code: 07575
 Well No: 1 Operator Name: Sam B. Herndon, Operator
 Well Status: Plugged Operator St:
 Well Stat Desc: Plugged County APIC:
 Well Type: DH District: Inland
 Well Type Desc: Dry Hole Geo District:
 Well Symbol: PluggedDH Field Code:
 Well Sym Desc: Field Name: Any Field
 Release Date: Area Code:
 Completion Date: Area Name: Any Area
 Abandoned Date: County Name: Fresno
 Lease Name: J.C. Forkner Section: 20
 Elevation: Township: 13S
 Total Depth: Range: 19E
 Redrilled Depth: Lat27:
 Redrill Cancel Flag: Long27:
 Dryhole: Lat83: 36.79122543
 Confidential: Long83: -119.92742157
 Confidential Well: No Base Meridian: MD
 Directional Drilled: No GIS Source Code: hud
 Hydr Fractured:
 Location:
 Source83 Desc: Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps
 URL:

Periodic Groundwater Level Measurement Locations

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	NNE	0.65	3,452.49	292.43	MONITOR WELLS

Wells and Additional Sources Detail Report

Site Code:	367991N1199052W001	Basin ID:	
State Well No:	13S19E16K001M	Basin Code:	5-022.08
Station ID:	15833	Basin Name:	Kings
WCR No:		Basin Region Code:	5
Well Depth:		Basin Region Desc:	Sacramento River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Single Well	Basin Region Order:	5
Well Name:	13S19E16K001M	County Name:	Fresno
Latitude:	36.7991	WLM Method:	Unknown
Longitude:	-119.905	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	SSW	0.88	4,621.52	270.09	MONITOR WELLS

Site Code:	367760N1199171W001	Basin ID:	
State Well No:	13S19E29A001M	Basin Code:	5-022.08
Station ID:	37674	Basin Name:	Kings
WCR No:		Basin Region Code:	5
Well Depth:		Basin Region Desc:	Sacramento River
Well Use:	Irrigation	Basin Region Actv:	Y
Well Type:	Single Well	Basin Region Order:	5
Well Name:	FD29A1	County Name:	Fresno
Latitude:	36.776	WLM Method:	Unknown
Longitude:	-119.917	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	SE	0.92	4,869.23	283.30	MONITOR WELLS

Site Code:	367791N1198960W001	Basin ID:	
State Well No:	13S19E22N001M	Basin Code:	5-022.08
Station ID:	15838	Basin Name:	Kings
WCR No:		Basin Region Code:	5
Well Depth:		Basin Region Desc:	Sacramento River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	5
Well Name:		County Name:	Fresno
Latitude:	36.7791	WLM Method:	Unknown
Longitude:	-119.896	WLM Accuracy:	Unknown

Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	N	0.09	496.56	282.15	WATER WELLS

WCR No:	WCR0124611	City(OSWCR):	FRESNO
City:	FRESNO	County(OSWCR):	Fresno

Wells and Additional Sources Detail Report

County: Fresno Decimal Lat(OSWCR): 36.79118333
 Decimal Latitude: 36.79118333 Decim Long(OSWCR): -119.90969291
 Decimal Longitude: -119.90969291
 Location: 6574 W SUSSEX
 Location(OSWCR): 6574 W SUSSEX
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1978-002650 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 6627 W SHIELDS
 Location(OSWCR): 6627 W SHIELDS
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1974-001132 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1974-001050 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 6864 W SHIELDS
 Location(OSWCR): 6864 W SHIELDS
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1977-003300 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 6338 W SHIELDS AVW
 Location(OSWCR): 6338 W SHIELDS AVW
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0316411 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1977-003419 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1978-002505 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744

Wells and Additional Sources Detail Report

Decimal Longitude: -119.90744
 Location: 3105 N BRYAN
 Location(OSWCR): 3105 N BRYAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1977-003614 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 4600 N HAYES
 Location(OSWCR): 4600 N HAYES
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1977-003298 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3256 N GRANTLAND
 Location(OSWCR): 3256 N GRANTLAND
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0022919 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR0285189 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0109095 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1985-007304 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 6931 W ASHLAN
 Location(OSWCR): 6931 W ASHLAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1988-012197 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None

Wells and Additional Sources Detail Report

Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1972-000981 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3205 N BRYANT
 Location(OSWCR): 3205 N BRYANT
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1975-001175 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1971-000878 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR0271946 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0105906 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0229768 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0206958 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1969-000518 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 6839 W ASHLAN
 Location(OSWCR): 6839 W ASHLAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0187983 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0326991 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: SAME
 Location(OSWCR): SAME
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR2016-014068 City(OSWCR): FRESNO CA
 City: FRESNO CA County(OSWCR): Fresno

Wells and Additional Sources Detail Report

County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 6610 W. SHIELDS
 Location(OSWCR): 6610 W. SHIELDS
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR2016-011681 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3665 N HAYES
 Location(OSWCR): 3665 N HAYES
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1977-003553 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3665 N HAYES
 Location(OSWCR): 3665 N HAYES
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1994-007841 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3623 N BRYAN
 Location(OSWCR): 3623 N BRYAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0206959 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0046712 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3260 N GRANTLAND AVE
 Location(OSWCR): 3260 N GRANTLAND AVE
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1970-000572 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0185404 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744

Wells and Additional Sources Detail Report

Decimal Longitude: -119.90744
 Location: SAME
 Location(OSWCR): SAME
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0088570 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1973-001210 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3128 N BRYAN
 Location(OSWCR): 3128 N BRYAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1978-002576 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR1975-001186 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1978-002004 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3439 N BRYAN
 Location(OSWCR): 3439 N BRYAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1977-002620 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3314 N BRYAN
 Location(OSWCR): 3314 N BRYAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1983-003928 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 6630 W SUSSEX

Wells and Additional Sources Detail Report

Location(OSWCR): 6630 W SUSSEX
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0287258 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: BETWEEN 6249 & 6319 W ASHLAN
 Location(OSWCR): BETWEEN 6249 & 6319 W ASHLAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR2016-011682 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3665 N HAYES
 Location(OSWCR): 3665 N HAYES
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR2017-006766 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3649 N. BRYAN
 Location(OSWCR): 3649 N. BRYAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR0129306 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1974-001140 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0248858 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0231386 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1975-001109 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1976-001766 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR0271947 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR2016-012947 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno

Wells and Additional Sources Detail Report

County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 6072 W. SHIELDS
 Location(OSWCR): 6072 W. SHIELDS
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR2015-007222 City(OSWCR): FRESNO CA 93723
 City: FRESNO CA 93723 County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3183 N. BRYAN
 Location(OSWCR): 3183 N. BRYAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1990-013815 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1977-002625 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3815 N HAYES
 Location(OSWCR): 3815 N HAYES
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1974-001040 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3238 N BRYAN
 Location(OSWCR): 3238 N BRYAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1974-001041 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 6036 W CLINTON
 Location(OSWCR): 6036 W CLINTON
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1974-001039 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3202 N BRYAN
 Location(OSWCR): 3202 N BRYAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1983-004113 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744

Wells and Additional Sources Detail Report

Decimal Longitude: -119.90744
 Location: 6611 W SUSSEX
 Location(OSWCR): 6611 W SUSSEX
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR2016-011680 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 3665 N HAYES
 Location(OSWCR): 3665 N HAYES
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1990-013664 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 2589 N CORNELIA
 Location(OSWCR): 2589 N CORNELIA
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1971-000884 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR1985-007343 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 6516 W SUSSEX
 Location(OSWCR): 6516 W SUSSEX
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1976-001934 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 6882 GRANTLAND
 Location(OSWCR): 6882 GRANTLAND
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1979-002319 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 6256 W SHIELDS AVE
 Location(OSWCR): 6256 W SHIELDS AVE
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SE	0.11	605.94	279.59	WATER WELLS

WCR No: WCR1992-010888 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78654
 Decimal Latitude: 36.78654 Decim Long(OSWCR): -119.90744
 Decimal Longitude: -119.90744
 Location: 6319 W ASHLAN

Wells and Additional Sources Detail Report

Location(OSWCR): 6319 W ASHLAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	WNW	0.12	641.83	281.41	WATER WELLS

WCR No: WCR0285190 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78976418
 Decimal Latitude: 36.78976418 Decim Long(OSWCR): -119.91407267
 Decimal Longitude: -119.91407267
 Location: 3700 NO GRANTLAND
 Location(OSWCR): 3700 NO GRANTLAND
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	SSE	0.21	1,116.34	279.20	WATER WELLS

WCR No: WCR2015-007734 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.785251
 Decimal Latitude: 36.785251 Decim Long(OSWCR): -119.906752
 Decimal Longitude: -119.906752
 Location: 3410 N. BRYAN AVE
 Location(OSWCR): 3410 N. BRYAN AVE
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	SSE	0.25	1,319.18	279.00	WATER WELLS

WCR No: WCR0128739 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78464907
 Decimal Latitude: 36.78464907 Decim Long(OSWCR): -119.90674128
 Decimal Longitude: -119.90674128
 Location: 3378 N BRYAN AVE
 Location(OSWCR): 3378 N BRYAN AVE
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	NW	0.31	1,616.06	283.12	WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR0115564 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.79309703
 Decimal Latitude: 36.79309703 Decim Long(OSWCR): -119.9155893
 Decimal Longitude: -119.9155893
 Location: 6935 W ASHLAN
 Location(OSWCR): 6935 W ASHLAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	SSE	0.41	2,174.89	278.29	WATER WELLS

WCR No: WCR0297810 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.7823368
 Decimal Latitude: 36.7823368 Decim Long(OSWCR): -119.90611378
 Decimal Longitude: -119.90611378
 Location: 3238 N BRYAN AVE
 Location(OSWCR): 3238 N BRYAN AVE
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	ENE	0.44	2,337.10	286.28	WATER WELLS

WCR No: WCR0286797 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.79216208
 Decimal Latitude: 36.79216208 Decim Long(OSWCR): -119.90001966
 Decimal Longitude: -119.90001966
 Location: 3885 N HAYES AVE
 Location(OSWCR): 3885 N HAYES AVE
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	SSE	0.45	2,370.86	278.26	WATER WELLS

WCR No: WCR0053909 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78177508
 Decimal Latitude: 36.78177508 Decim Long(OSWCR): -119.90611066
 Decimal Longitude: -119.90611066
 Location: 3202 N BRYAN AVE
 Location(OSWCR): 3202 N BRYAN AVE
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	ENE	0.53	2,796.62	287.10	WATER WELLS

WCR No: WCR0015218 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.79155531
 Decimal Latitude: 36.79155531 Decim Long(OSWCR): -119.8981494
 Decimal Longitude: -119.8981494
 Location: 3828 N HAYES AVE
 Location(OSWCR): 3828 N HAYES AVE
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	E	0.63	3,351.74	289.49	WATER WELLS

WCR No: WCR2020-014944 City(OSWCR): Fresno
 City: Fresno County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.7909335
 Decimal Latitude: 36.7909335 Decim Long(OSWCR): -119.8960928
 Decimal Longitude: -119.8960928
 Location: 5831 W Hampton Way
 Location(OSWCR): 5831 W Hampton Way
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	ENE	0.70	3,694.62	292.43	WATER WELLS

WCR No: WCR0132184 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.79284788
 Decimal Latitude: 36.79284788 Decim Long(OSWCR): -119.8954111
 Decimal Longitude: -119.8954111
 Location: 5803 W ASHLAN
 Location(OSWCR): 5803 W ASHLAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	ENE	0.72	3,781.25	292.25	WATER WELLS

WCR No: WCR0034582 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno

Wells and Additional Sources Detail Report

County: Fresno
 Decimal Latitude: 36.79284875
 Decimal Longitude: -119.89510203
 Location: 5781 W ASHLAN
 Location(OSWCR): 5781 W ASHLAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	SE	0.72	3,792.58	284.78	WATER WELLS

WCR No: WCR0147905
 City: FRESNO
 County: Fresno
 Decimal Latitude: 36.78216304
 Decimal Longitude: -119.89766408
 Location: 3226 N HAYES AVE
 Location(OSWCR): 3226 N HAYES AVE
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	SE	0.73	3,878.89	279.05	WATER WELLS

WCR No: WCR0005311
 City: FRESNO
 County: Fresno
 Decimal Latitude: 36.78011465
 Decimal Longitude: -119.89950913
 Location: 3057 NORTH HAYES
 Location(OSWCR): 3057 NORTH HAYES
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

WCR No: WCR0206957
 City: None
 County: Fresno
 Decimal Latitude: 36.78646
 Decimal Longitude: -119.92543
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

WCR No: WCR1977-002814 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78646
 Decimal Latitude: 36.78646 Decim Long(OSWCR): -119.92543
 Decimal Longitude: -119.92543
 Location: 7950 E SHIELDS AVE
 Location(OSWCR): 7950 E SHIELDS AVE
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

WCR No: WCR1971-000790 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78646
 Decimal Latitude: 36.78646 Decim Long(OSWCR): -119.92543
 Decimal Longitude: -119.92543
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

WCR No: WCR1975-001051 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78646
 Decimal Latitude: 36.78646 Decim Long(OSWCR): -119.92543
 Decimal Longitude: -119.92543
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

WCR No: WCR1974-001154 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78646
 Decimal Latitude: 36.78646 Decim Long(OSWCR): -119.92543

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Decimal Longitude: -119.92543
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

WCR No: WCR0190751 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78646
 Decimal Latitude: 36.78646 Decim Long(OSWCR): -119.92543
 Decimal Longitude: -119.92543
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

WCR No: WCR1979-002467 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78646
 Decimal Latitude: 36.78646 Decim Long(OSWCR): -119.92543
 Decimal Longitude: -119.92543
 Location: 6097 W ASHLAN
 Location(OSWCR): 6097 W ASHLAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

WCR No: WCR1988-012327 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78646
 Decimal Latitude: 36.78646 Decim Long(OSWCR): -119.92543
 Decimal Longitude: -119.92543
 Location: 4540 N GARFIELD
 Location(OSWCR): 4540 N GARFIELD
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR0034579 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78646
 Decimal Latitude: 36.78646 Decim Long(OSWCR): -119.92543
 Decimal Longitude: -119.92543
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

WCR No: WCR0012208 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78646
 Decimal Latitude: 36.78646 Decim Long(OSWCR): -119.92543
 Decimal Longitude: -119.92543
 Location: SHIELDS CHATEAU FRESNO
 Location(OSWCR): SHIELDS CHATEAU FRESNO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

WCR No: WCR0271344 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78646
 Decimal Latitude: 36.78646 Decim Long(OSWCR): -119.92543
 Decimal Longitude: -119.92543
 Location: 3534 N CHATE A FRENO
 Location(OSWCR): 3534 N CHATE A FRENO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

WCR No: WCR1978-002383 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78646
 Decimal Latitude: 36.78646 Decim Long(OSWCR): -119.92543
 Decimal Longitude: -119.92543
 Location: None

Wells and Additional Sources Detail Report

Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

WCR No: WCR0036839 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78646
 Decimal Latitude: 36.78646 Decim Long(OSWCR): -119.92543
 Decimal Longitude: -119.92543
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	W	0.76	4,011.64	274.38	WATER WELLS

WCR No: WCR2015-004993 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.78646
 Decimal Latitude: 36.78646 Decim Long(OSWCR): -119.92543
 Decimal Longitude: -119.92543
 Location: 7751 W DAKOTA
 Location(OSWCR): 7751 W DAKOTA
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1971-000757 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR1984-005153 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6710 W RIALTO
 Location(OSWCR): 6710 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0022918 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0031073 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6514 W GETTYSBURG
 Location(OSWCR): 6514 W GETTYSBURG
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0060055 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6514 W GETTYSBURG
 Location(OSWCR): 6514 W GETTYSBURG
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0175967 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0106351 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0244029 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0305952 City(OSWCR): None
 City: None County(OSWCR): Fresno

Wells and Additional Sources Detail Report

County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1984-004955 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6677 W RIALTO
 Location(OSWCR): 6677 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1988-012147 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 7378 W RIALTO
 Location(OSWCR): 7378 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1986-007842 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 4265 N HAYES
 Location(OSWCR): 4265 N HAYES
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1985-007197 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6609 W RIALTO
 Location(OSWCR): 6609 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1984-005156 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6537 W RIALTO
 Location(OSWCR): 6537 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0262963 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1977-003376 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746

Wells and Additional Sources Detail Report

Decimal Longitude: -119.90746
 Location: 4417 N HAYES
 Location(OSWCR): 4417 N HAYES
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1986-008010 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6665 W RIALTO
 Location(OSWCR): 6665 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0130998 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0052733 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR1985-007196 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6575 W RIALTO
 Location(OSWCR): 6575 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0203777 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0305951 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1987-009226 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6672 W RIALTO

Wells and Additional Sources Detail Report

Location(OSWCR): 6672 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0195447 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0105904 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0034576 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR1977-003383 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6673 W ASHLAN
 Location(OSWCR): 6673 W ASHLAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1969-000510 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 4755 N HAYES
 Location(OSWCR): 4755 N HAYES
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0105903 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 5545 W DAKOTA
 Location(OSWCR): 5545 W DAKOTA
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1986-007807 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 4244 N BRYAN
 Location(OSWCR): 4244 N BRYAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1990-014008 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6500 W RIALTO
 Location(OSWCR): 6500 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0015178 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1984-005154 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6604 W RIALTO
 Location(OSWCR): 6604 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1992-010887 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno

Wells and Additional Sources Detail Report

County: Fresno
 Decimal Latitude: 36.80096
 Decimal Longitude: -119.90746
 Location: 4705 N HAYES
 Location(OSWCR): 4705 N HAYES
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1979-002464
 City: FRESNO
 County: Fresno
 Decimal Latitude: 36.80096
 Decimal Longitude: -119.90746
 Location: 7136 W RIALTO
 Location(OSWCR): 7136 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0128708
 City: FRESNO
 County: Fresno
 Decimal Latitude: 36.80096
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0052884
 City: FRESNO
 County: Fresno
 Decimal Latitude: 36.80096
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0257914 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1993-007718 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6160 W ASHLAN
 Location(OSWCR): 6160 W ASHLAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1986-007973 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6513 W RIALTO
 Location(OSWCR): 6513 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1986-007867 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746

Wells and Additional Sources Detail Report

Decimal Longitude: -119.90746
 Location: 6538 W RIALTO
 Location(OSWCR): 6538 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0218534 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0190749 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: SHAW & GRAND AVES
 Location(OSWCR): SHAW & GRAND AVES
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0185167 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 4705 N BRYAN
 Location(OSWCR): 4705 N BRYAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR0185898 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR1984-005155 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: 6641 W RIALTO
 Location(OSWCR): 6641 W RIALTO
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0063875 City(OSWCR): None
 City: None County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0217994 City(OSWCR): SAME
 City: SAME County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None

Wells and Additional Sources Detail Report

Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	N	0.77	4,054.50	289.69	WATER WELLS

WCR No: WCR0105902 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.80096
 Decimal Latitude: 36.80096 Decim Long(OSWCR): -119.90746
 Decimal Longitude: -119.90746
 Location: None
 Location(OSWCR): None
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	E	0.81	4,294.41	291.86	WATER WELLS

WCR No: WCR0018947 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.79162596
 Decimal Latitude: 36.79162596 Decim Long(OSWCR): -119.89296351
 Decimal Longitude: -119.89296351
 Location: 5667 W ASHLAN
 Location(OSWCR): 5667 W ASHLAN
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	SSE	0.83	4,379.31	275.87	WATER WELLS

WCR No: WCR0312867 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.77710036
 Decimal Latitude: 36.77710036 Decim Long(OSWCR): -119.90213047
 Decimal Longitude: -119.90213047
 Location: 6223 W SHIELDS
 Location(OSWCR): 6223 W SHIELDS
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	SSW	0.88	4,650.78	270.04	WATER WELLS

Wells and Additional Sources Detail Report

WCR No: WCR2020-010230 City(OSWCR): Fresno
 City: Fresno County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.7759658
 Decimal Latitude: 36.7759658 Decim Long(OSWCR): -119.917181
 Decimal Longitude: -119.917181
 Location: 2781 N Grantland AVE
 Location(OSWCR): 2781 N Grantland AVE
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	SSE	0.95	5,000.64	275.30	WATER WELLS

WCR No: WCR2021-002489 City(OSWCR): FRSNO
 City: FRSNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.7752637
 Decimal Latitude: 36.7752637 Decim Long(OSWCR): -119.9020778
 Decimal Longitude: -119.9020778
 Location: 6186 W CLINTON AVE
 Location(OSWCR): 6186 W CLINTON AVE
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SSE	0.95	5,028.11	275.46	WATER WELLS

WCR No: WCR2021-002493 City(OSWCR): FRESNO
 City: FRESNO County(OSWCR): Fresno
 County: Fresno Decimal Lat(OSWCR): 36.77527
 Decimal Latitude: 36.77527 Decim Long(OSWCR): -119.901809
 Decimal Longitude: -119.901809
 Location: 6186 W CLINTON AVE
 Location(OSWCR): 6186 W CLINTON AVE
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *FRESNO* County: **2**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L

Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L

Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *FRESNO* County

No Measures/Homes:	106
Geometric Mean:	0.8
Arithmetic Mean:	1.3
Median:	0.9
Standard Deviation:	1.3
Maximum:	9.4
% >4 pCi/L:	2
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of California conducted during 1989-90. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Appendix

Federal Sources

FEMA National Flood Hazard Layer

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

FEMA FLOOD

Indoor Radon Data

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

INDOOR RADON

Public Water Systems Violations and Enforcement Data

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SDWIS may correspond either with the physical location of the water system, or with a contact address.

PWSV

Radon Zone Level

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

RADON ZONE

Safe Drinking Water Information System (SDWIS)

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

SDWIS

Soil Survey Geographic database

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

SSURGO

U.S. Fish & Wildlife Service Wetland Data

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

US WETLAND

USGS Current Topo

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

US TOPO

USGS Geology

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

US GEOLOGY

USGS National Water Information System

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

FED USGS

State Sources

Oil and Gas Wells

A list of Oil and Gas well locations. This is provided by California's Department of Conservation Division of

OGW

Appendix

Oil, Gas and Geothermal Resources.

Periodic Groundwater Level Measurement Locations

Locations of groundwater level monitoring wells in the Department of Water Resources (DWR)'s Periodic Groundwater Levels dataset. The DWR Periodic Groundwater Levels dataset contains seasonal and long-term groundwater level measurements collected by the Department of Water Resources and cooperating agencies.

MONITOR WELLS

Well Completion Reports

List of wells from the Well Completion Reports data made available by the California Department of Water Resources' (DWR) Online System for Well Completion Reports (OSWCR). Please note that the majority of well completion reports have been spatially registered to the center of the 1x1 mile Public Land Survey System section that the well is located in.

WATER WELLS

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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APPENDIX D: QUALIFICATIONS

PARTNER

PARTNER

Claire Neal Project Assessor



Education

B.S., Environmental Sciences, University of California, Berkeley

Registrations

Radon Screening Assessment

Highlights

3.5 years performing Phase I Environmental Site Assessments

3.5 years performing Transaction Screen Assessments

3.5 years performing Environmental Desktop Reports

Experience Summary

Ms. Neal currently holds the role of a Project Assessor for Partner Engineering and Science, Inc. (Partner). Her responsibilities include site assessment and technical report writing in accordance with EPA's All Appropriate Inquiry (AAI) and the American Society of Testing and Materials (ASTM). She works as a project assessor on sites involved with initiatives for sale and redevelopment.

Ms. Neal conducts Phase I Environmental Site Assessments of a variety of properties including agricultural, residential, commercial, and industrial sites. She works closely with state and local regulatory agencies to gather detailed historical reviews, aerial photographs, and other environmentally significant documents regarding tank removal, subsurface investigations, and remedial activities performed onsite. Ms. Neal assesses commercial properties that have either been historically or currently occupied by dry cleaning tenants. Further, Ms. Neal is proficient at conducting radon screening assessments in residential apartment buildings and large office buildings.

Project Experience

Multi-family Condominium, Las Vegas, Nevada - Ms. Neal performed a Phase I Environmental Site Assessment for a newly built 359-unit apartment complex.

Hotel, San Jose, California - Ms. Neal performed a Phase I Environmental Site Assessment for a newly constructed hotel with ongoing site mitigation for vapor intrusion.

Multi-family Condominium, San Mateo, California - Ms. Neal performed a Phase I Environmental Site Assessment for a 210-unit apartment complex with past uses as an industrial lot and gasoline service station.

Gasoline Service Station, Madera, California - Ms. Neal performed a Phase I Environmental Site Assessment for a gasoline service station and retail strip.

Agricultural Ranch, Napa, California - Ms. Neal performed a Phase I Environmental Site Assessment for a 950-acre agricultural and ranch facility.

Claire Neal

Recreational Vehicle Park; Kingsburg, California - Ms. Neal performed a Phase I Environmental Site Assessment for a riverside RV park facility with associated restrooms, clubhouse, and pool. This site maintained a former floating fueling station for boats.

Multi-tenant Industrial Building; Ceres, California - Ms. Neal performed a Phase I Environmental Site Assessment for an industrial building with truck repairing and steel product manufacturing operations.

Affiliations

University of California, Berkeley Student Alumni Association Member

Contact

cneal@partneresi.com

PARTNER

PARTNER

Joel Redding
Senior Project Manager



Education

B.A. Geography, California State University Fresno

Training

OSHA 24-Hour Health and Safety Training

Highlights

16 years of experience in environmental consulting
Phase I Environmental Site Assessments (ESAs)
Environmental Transaction Screens
Desktop Reviews

Experience Summary

Mr. Redding serves as a Senior Project Manager for Partner Engineering and Science, Inc. (Partner), overseeing and managing all aspects of multi-scope projects including Phase I ESAs in accordance with EPA's All Appropriate Inquiry (AAI), Property Condition Assessments (PCAs), Zoning Reports, and Seismic Assessments.

Mr. Redding has over sixteen years of project experience in the environmental consulting industry. Mr. Redding is familiar with all aspects of Due Diligence Property Assessments and the needs and requirements of a varied number of reporting standards, including ASTM E1527-13, EPA's All Appropriate Inquiry (AAI), The U.S. Small Business Administration (SBA), and customized client formats and scopes. Mr. Redding has performed and supervised over 1,000 ESAs and customized environmental assessments of a variety of properties including multi-family residential, hospitality, commercial office buildings, shopping centers, multi-tenant commercial complexes, industrial warehouses, manufacturing facilities, dry cleaning plants, gasoline service stations, automotive repair and body shops, medical facilities, food processing facilities, and agricultural properties.

Project Experience

Junior College Campus and Historical Military and Medical Hospital, Modesto, CA. Mr. Redding prepared a Phase I ESA on a junior college campus in Modesto, the site of a historical World War II era military hospital and subsequent State-run hospital. Multiple recognized environmental conditions (RECs) were identified related to current and historical uses including vehicle and facilities maintenance, underground and aboveground fueling facilities, domestic wastewater treatment systems and septic systems, and asbestos and lead-based paint issues.

2,500-Acre Agricultural Property, Maricopa, CA. Mr. Redding prepared a Phase I ESA on a large agricultural property within an active oil and gas production area. Multiple RECs were identified related to oil and gas well development, oil and gas production, subsurface oil and gas pipelines, aboveground fuel storage, and agricultural chemical use, storage, and application.

Joel Redding

Printed Circuit Board Manufacturing Facility, Redwood City, CA. Mr. Redding prepared a Phase I ESA on a printed circuit board manufacturing facility. Multiple RECs were identified related to electroplating, etching, silk screening, chemical storage, and hazardous waste generation, storage, and treatment operations.

10-Site Residential Portfolio, Central CA. Managed a multi-million dollar acquisition project consisting of Phase ESAs of ten, large-acreage, rural agricultural properties throughout Central California for a residential developer. Duties included managing, performing, and reviewing Phase I ESAs.

25-Site Grocery Chain Portfolio, OR and CA. Managed a multi-million dollar rehabilitation financing project consisting of Phase I ESAs of 25 grocery store properties throughout the State of Oregon and Northern California. Duties included managing, performing, and reviewing Phase I ESAs.

50-Site Mobile Home Park Portfolio, MI, OH, IN, and AL. Managed a multi-million dollar acquisition project consisting of 50 mobile home parks in Michigan, Ohio, Indiana, and Alabama. Duties included managing and reviewing Phase I ESAs.

Contact

jredding@partneresi.com

PARTNER

PARTNER

Cody Taylor
National Client Manager



Education

BA, Environmental Analysis and Criminal Justice, University of California Irvine, Irvine, CA

Trainings

ASTM Technical and Professional Training
Hazardous Materials Management Certificate Courses, University of California Irvine

Highlights

25+ years of experience in Real Estate Due Diligence/Consulting and Site Development Engineering
Prepared over 10,000 Phase I Environmental Site Assessments
Managed over 30,000 Phase I Environmental Site Assessments
Managed over 1,000 Phase II Subsurface Soil/Groundwater and Soil Gas Investigations, Asbestos, Lead, and Radon Screenings
Managed Class-A Equity Property Condition Assessments with Specialized Inspections, Seismic Evaluations, ALTA Surveys, Zoning, ADA Surveys and Pest Inspections
Managed Several Civil Engineering/Geotechnical Investigations of Commercial Development Projects, Construction Doc and Cost Reviews, Construction Progress Monitoring, and Energy Benchmarking

Experience Summary

Mr. Taylor is a Principal and National Client Manager with extensive experience in commercial real estate due diligence and site development engineering throughout the United States. His responsibilities include full-phase site development and environmental consulting, national client management, multi-scope contract negotiation/execution, portfolio project management, and technical report quality control. Mr. Taylor's regional and national expertise compliments the wide variety of Partner projects and client types including national and local lending institutions, asset management/investment groups, commercial/retail developers, and commercial real estate professionals.

Mr. Taylor has 25 years of experience in national commercial real estate due diligence consulting including Phase I Environmental Site Assessments, Phase II Subsurface Soil/Soil Gas Investigations, Property Condition Assessments, Seismic Evaluations, Asbestos, Lead-Paint, and Radon Surveys, ALTA Surveys, Geotechnical Investigations, Civil Engineering, MEP Special Inspections, Energy Evaluations, and Construction Monitoring.

Mr. Taylor has assessed/managed over 30,000 commercial real estate transactions throughout his professional career including several multi-million dollar asset portfolios consisting of a 29-site commercial office property acquisition, two 1,200-site cellular tower transactions, a 215-site regional shopping center vacancy evaluation, a 25-site regional grocery-store chain environmental/survey evaluation, a 16-site multi-family apartment building acquisition, a 10-site residential development acquisition, and 5-site Class A multi-specialized-scope building acquisition inspection. These transactions have included some or all of Partner's core engineering due diligence services described above. Mr. Taylor routinely manages national asset/developer clients to evaluate the environmental and structural risks associated with commercial/industrial properties prior to acquisition. These risks may be associated with past hazardous materials use (i.e., gasoline stations, dry cleaners) which require historical research combined with subsurface evaluations to assess for contamination that could devalue the property or create a human health concern to occupants or construction workers; evaluate for asbestos, lead-based paint, and radon to

Cody Taylor

determine the need for abatement or venting systems; evaluate the structural integrity of the building and assess for seismic retrofit; evaluate the roof, mechanical, electrical, plumbing systems (i.e., elevators, HVAC systems, sewer); evaluate for American Disabilities Act (ADA) deficiencies (i.e., ramps, railings, access); survey the property boundaries (i.e., ALTA Surveys); evaluate the subsurface conditions for construction suitability (i.e., Geotechnical Investigations); Civil Engineering/Design, and energy studies of the site building to meet with current requirements and systems efficiencies.

Project Experience

National Quick-Serve Restaurant Chains. Multiple National Quick-Serve Restaurant (QSR) Chain development projects which include Phase I Environmental Site Assessments, Asbestos Surveys, Geotechnical Investigations, ALTA Surveys, Plat Map Survey, and Special Inspections. Mr. Taylor manages the projects with attention to client needs/timelines and fieldwork/production in order to advocate the commercial development projects and maintain report efficiencies and construction budgets. These projects require multiple scope management and coordination with clients, technical staff, subcontractors, regulatory agencies, and construction design/contractor entities. Mr. Taylor's due diligence engineering experience as well as Partner's responsiveness and expertise in national commercial real estate development engineering create successful developments and client satisfaction on an ongoing basis.

National Dental Office Chain. Multiple ground-up dental office development projects which include Phase I Environmental Site Assessments, Geotechnical Investigations, and ALTA Surveys. Mr. Taylor manages the projects with attention to client needs/timelines and fieldwork/production in order to advocate the commercial development projects and maintain report efficiencies and construction budgets. These projects require multiple scope management and coordination with clients, technical staff, subcontractors, regulatory agencies, and construction design/contractor entities. Mr. Taylor's due diligence engineering experience as well as Partner's responsiveness and expertise in national commercial real estate development engineering create successful developments and client satisfaction on an ongoing basis.

Regional Gas Station/Convenience Store Chain. Multiple ground-up gas station/convenience store redevelopment projects in California which include Phase I Environmental Site Assessments, Phase II Subsurface Investigations/Characterization, Remedial Cost Estimates with Voluntary Cleanup Regulatory Programs, Asbestos Surveys, and Geotechnical Investigations. Mr. Taylor manages the projects with attention to client/agency interaction and fieldwork/production in order to advocate the commercial development projects and maintain report efficiencies and construction budgets. These projects require multiple scope management and coordination with clients, technical staff, subcontractors, regulatory agencies, and construction design/contractor entities. Mr. Taylor's due diligence engineering experience as well as Partner's responsiveness and expertise with commercial real estate development engineering create successful developments and client satisfaction on an ongoing basis.

Beverly Hills Country Club Renovation, Beverly Hills, CA. A \$12 million-dollar renovation project which included a Phase I Environmental Site Assessment, Property Condition Assessment, Seismic Evaluation, ADA Survey, ALTA Survey and a comprehensive roof assessment. Multiple engineering professionals were coordinated and dispatched to the project site to complete due diligence assessments and cost studies associated with the planned renovation of the historic facility. The renovation was successful and exemplified Mr. Taylor's due diligence engineering experience as well as Partner's responsiveness and expertise in commercial real estate evaluation.

PARTNER

Cody Taylor

Commercial Office Portfolio, Philadelphia, PA. A \$186 million dollar acquisition project consisting of 29, multi-story commercial office buildings and included Phase I Environmental Site Assessments and Property Condition Assessments with special inspections of HVAC systems, elevators, and roofing systems. Multiple inspectors were coordinated and dispatched to each site within a two-week report completion timeline. Special inspection findings and related repair costs were cross-calculated with generalist inspection reporting and incorporated into the Property Condition Assessment spreadsheets for client/lender review. The acquisition was successful and exemplified Mr. Taylor's project management and negotiation skills, coordination of several in-house engineering professionals and subcontracted elevator consultants as well as Partner's responsiveness and expertise of client/lender's expedited timeline.

National Cellular Tower Portfolios. Two multi-million dollar acquisition projects consisting of over 2,400 cellular towers located throughout the United States which included Phase I Environmental Site Assessments. Multiple national inspectors were dispatched to each mountain-top tower within each state. The inspections incorporated the use of guides and four-wheel drive vehicles (primarily Jeeps) to visually inspect each tower. The acquisition project was successful and exemplified Mr. Taylor's project management skills, coordination of dozens of national inspectors, quality control reviews, and responsiveness to client's timeline.

Grocery Chain Portfolio, various locations throughout OR. A multi-million-dollar rehabilitation financing project consisting of 25 grocery store properties included Phase I Environmental Site Assessments and ALTA Surveys. Multiple inspectors were dispatched to each site within a two-week turnaround. The financing project was successful and the project exemplified Mr. Taylor's negotiation/client management skills, coordination of inspections, quality control and completion of timely reports as well as the responsiveness and professional acumen of Partner's Engineering Team.

Affiliations

ASTM Member No. 000216930
Environmental Bankers Association
Risk Management Association, Director, Fresno, CA
Northwest Environmental Business Council

Speaking

"Commercial Due Diligence 101", Northwest Environmental Business Council, Northwest Environmental Conference and Tradeshow, Portland, OR. Commercial Real Estate Risks and Assessments

"Regulations in Lending", Risk Management Association, Fresno, CA. Risk Tolerance and Environmental Regulation for Commercial Bankers

"Water in the Central Valley", Risk Management Association, Fresno, CA. Contaminated Sites and Environmental Remediation of Commercial Properties

Contact

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